FIRESURE® IPCPR - PIPE COLLAR

INSTALLATION INSTRUCTIONS

General Guide

Minimum separations and limitation; Services can be sealed as specified in the detailed drawings. Services within the Firesure™ IPCPR Pipe Collar systems do not require a minimum separation, and only requires sufficient space or separation to securely fit the collars to the substrate. For larger apertures other than described in these installation instructions, Firesure™ Slab/Batt or Fire Mortar with Firesure™ IPWPR Pipe Wraps should be used.

Supporting constructions: Flexible walls must have a minimum thickness of 75mm and comprise steel studs or timber studs*) lined on both faces with a minimum of 1 layer of 12.5mm thick boards. Timber walls must have a minimum thickness of 100mm and comprise solid wood or cross-laminated timber. Rigid walls must have a minimum thickness of 75mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m^3. Rigid floors must have a minimum thickness of 150mm (except composite floors) and comprise aerated concrete or masonry, with a minimum density of 650 kg/m^3. Timber floors must have a minimum thickness of 150mm and comprise solid wood or cross-laminated timber. The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period. Services in floors should be supported at a maximum of 500mm from the top face. Services in walls should be supported at a maximum of 300mm from both faces of the wall.

*) Timber studs: no part of the penetration seal may be closer than 100mm to a stud, and minimum 100mm of insulation of class A1 or A2 according to EN 13501-1 must be provided within the cavity between the penetration seal and the stud. In liner seals there is no minimum distance and insulation required.

Index For Fire Classifications

PVC, PE & PP pipes in ≥75mm thick flexible and rigid walls..... pages 2-3
Empty holes & cables in ≥100mm thick flexible and rigid walls...pages 4-5
Metal pipes in ≥100mm thick flexible and rigid walls..... pages 5-6
PVC, PE & PP pipes in ≥100 mm thick flexible and rigid walls .... pages 7-9
Composite pipes in ≥100 mm thick flexible and rigid walls ..... page 10
Bundled plastic pipes and conduits in ≥100 mm thick walls ..... page 11
Bundled PEX pipes in ≥100 mm thick flexible and rigid walls ..... Page 11
Insulated plastic pipes in ≥100 mm thick walls ..... pages 11-12
PVC, PE & PP pipes in ≥120mm thick flexible and rigid walls.. pages 13-14
Cables in timber walls ..... page 15
Metal pipes in timber walls..... page 15
PVC, PE & PP pipes in timber walls..... pages 16-18
Composite pipes in timber walls..... page 19
Bundled plastic pipes and conduits in timber walls..... page 20
Bundled PEX pipes in timber walls..... page 20
Insulated plastic pipes in timber walls..... page 20
PVC, PE & PP pipes in rigid walls..... pages 21-26
Empty holes & cables in rigid floors..... pages 27-28
Metal pipes in rigid floors..... pages 28-29
PVC, PE & PP pipes in rigid floors..... pages 30-35
Composite pipes in rigid floors..... page 36
Bundled plastic pipes and conduits in rigid floors..... page 37
Bundled PEX pipes in rigid floors..... page 37
Insulated plastic pipes in rigid floors..... pages 37-38
PVC, PE & PP pipes in composite floors..... pages 39-40
Cables in timber floors..... page 41
Metal pipes in timber floors..... pages 41-42

Installation

1. For fire sealing service penetrations, installation must be in accordance to the detailed drawings on pages 2 to 47. Where PVC pipes are mentioned, this includes PVC-C and PVC-U. Where PE pipes are mentioned, this includes PE-LD, PE-MD, PE-HD, PE-X and similar according to EN 1519-1, EN 12201-2 or EN 12666-1. Where PP pipes are mentioned, this includes PP-MV, PP-H, PP-R and similar if the pipe is according to EN 1451-1 or DIN 8077/8078.

2. Before fitting the collar ensure that any gaps between the service penetrations and the separating element are sealed. If Firesure™ FR Acrylic is required, ensure that the surface of all surface penetrations and surrounding construction is free from all loose contaminants, dust and grease.

3. Choose collars which have the closest diameter to the aperture size (and not necessary the diameter of the services), and make sure the collars are installed wholly against the surface of the construction, and not against any seal surrounding the services. On site where the aperture size is greater than the service diameter, and /or services is at an angle, an oversized collar can be used. If not specified in the detailed drawings, in general, any gaps between a service penetration and a construction should not exceed 55mm width.

4. Place a collar around the service penetrations and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, or the floor, so that the anchors/fixings can be inserted fully. Where the surface is uneven, apply a sealing bead of Firesure™ FR Acrylic between the wall/floor and the collar shell.

5. Attach the collar with steel screws, anchors or bolts that are suitable for the substrate that the collar will be fitted to. These are described in the detailed drawings. For drywalls use drywall or woodscrews with a length suitable for the number of boards that form the wall. For concrete or masonry walls and floors, use minimum 40mm long masonry screws or expansion bolts.

PVC, PE & PP pipes in timber floors..... pages 43-45
Composite pipes in timber floors..... page 46
Bundled plastic pipes and conduits in timber floors..... page 47
Bundled PEX pipes in timber floors..... page 47
Insulated plastic pipes in timber floors..... pages 47

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

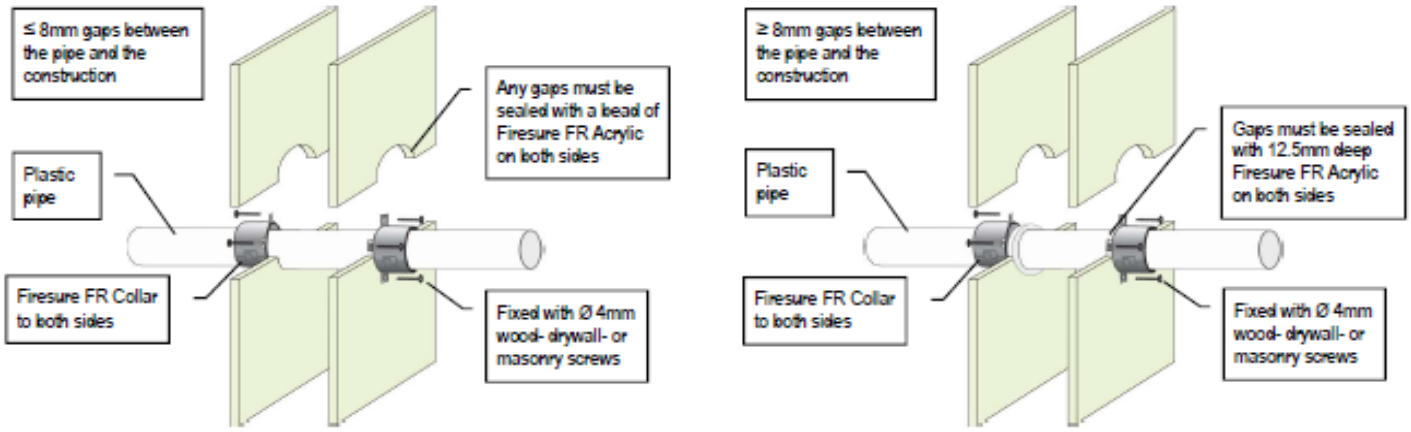
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660

FS 1 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR
INSTALLATION INSTRUCTIONS

PVC & PE PLASTIC PIPES FIRE RESISTANCE EI 30 - 60

≥ 75MM DRYWALLS, MASONRY OR CONCRETE WALLS



PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.4 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
40	2.4 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
50	2.4 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
55	2.4 – 4.8	30	EI 30 (E 60)	EI 30 (E 60)	-	-
63	2.5 – 5.0	30	EI 30 (E 60)	EI 30 (E 60)	-	-
75	2.5 – 5.4	30	EI 30 (E 60)	EI 30 (E 60)	-	-
82	2.6 – 5.6	30	EI 30 (E 60)	EI 30 (E 60)	-	-
90	2.6 – 5.9	30	EI 30 (E 60)	EI 30 (E 60)	-	-
110	2.7 – 6.6	30	EI 45 (E 60)	EI 45 (E 60)	-	-
125	2.9 – 7.4	60	EI 45 (E 60)	EI 45 (E 60)	-	-
140	3.0 – 8.3	60	EI 45 (E 60)	EI 45 (E 60)	-	-
160	3.2 – 9.5	60	EI 45 (E 60)	EI 45 (E 60)	-	-

PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	-	-
40	3.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	-	-
50	3.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	-	-
55	3.0 – 5.0	30	EI 30 (E 60)	EI 30 (E 60)	-	-
63	3.1 – 5.8	30	EI 30 (E 60)	EI 30 (E 60)	-	-
75	3.2 – 6.8	30	EI 30 (E 60)	EI 30 (E 60)	-	-
82	3.2 – 7.5	30	EI 30 (E 60)	EI 30 (E 60)	-	-
90	3.3 – 8.2	30	EI 30 (E 60)	EI 30 (E 60)	-	-
110	3.4 – 10.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
125	4.2 – 9.8	60	EI 45 (E 60)	EI 45 (E 60)	-	-
140	5.1 – 9.6	60	EI 45 (E 60)	EI 45 (E 60)	-	-
160	6.2 – 9.5	60	EI 45 (E 60)	EI 45 (E 60)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

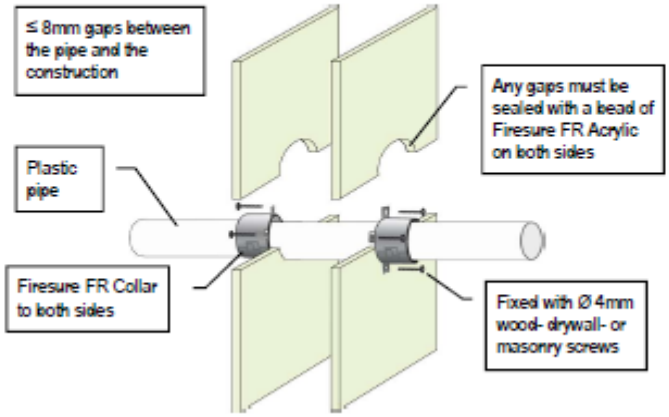
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 2 (47) 2021 1 1

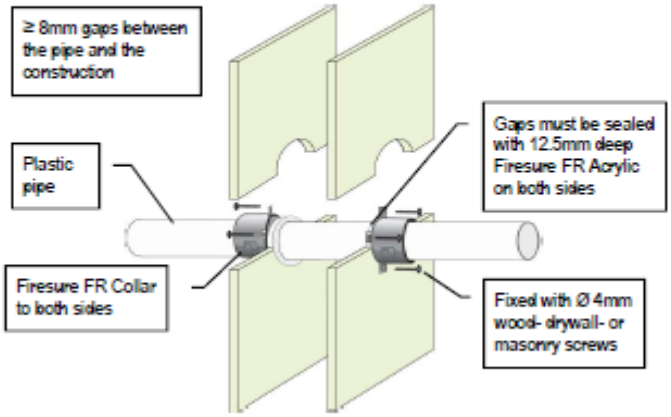
FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 30 - 60

≥ 75MM DRYWALLS, MASONRY OR CONCRETE WALLS





PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
40	2.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
50	2.0 – 4.6	30	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)	EI 30 (E 60)
55	2.1 – 5.1	30	EI 30 (E 60)	EI 30 (E 60)	-	-
63	2.3 – 5.8	30	EI 30 (E 60)	EI 30 (E 60)	-	-
75	2.6 – 6.9	30	EI 30 (E 60)	EI 30 (E 60)	-	-
82	2.7 – 7.5	30	EI 30 (E 60)	EI 30 (E 60)	-	-
90	2.9 – 8.2	30	EI 30 (E 60)	EI 30 (E 60)	-	-
110	3.4 – 10.0	30	EI 45 (E 60)	EI 45 (E 60)	-	-
125	3.9 – 11.4	60	EI 45 (E 60)	EI 45 (E 60)	-	-
140	4.3 – 12.8	60	EI 45 (E 60)	EI 45 (E 60)	-	-
160	4.9 – 14.6	60	EI 60 (E 60)	EI 60 (E 60)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

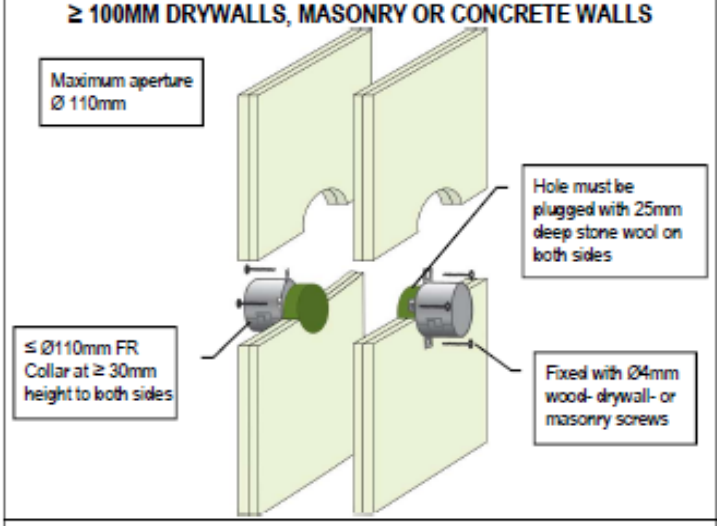
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 3 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

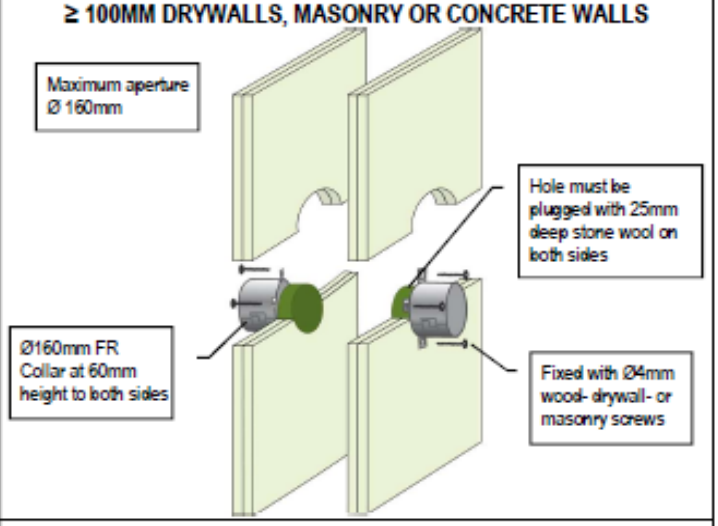
EMPTY HOLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



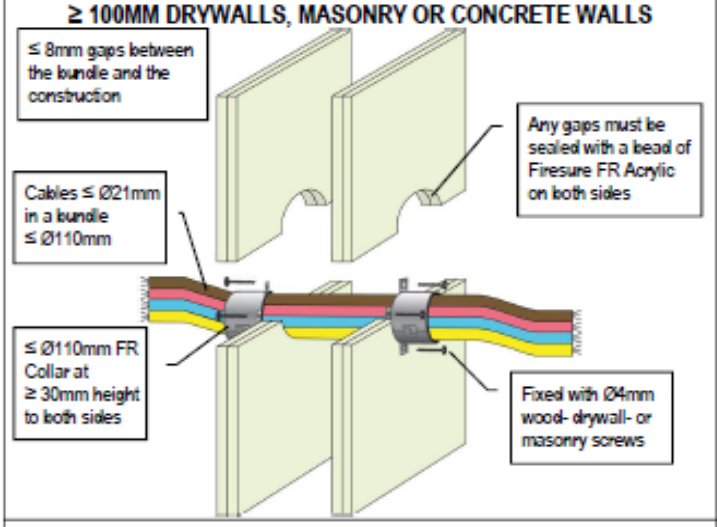
EMPTY HOLE FIRE RESISTANCE EI 120 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



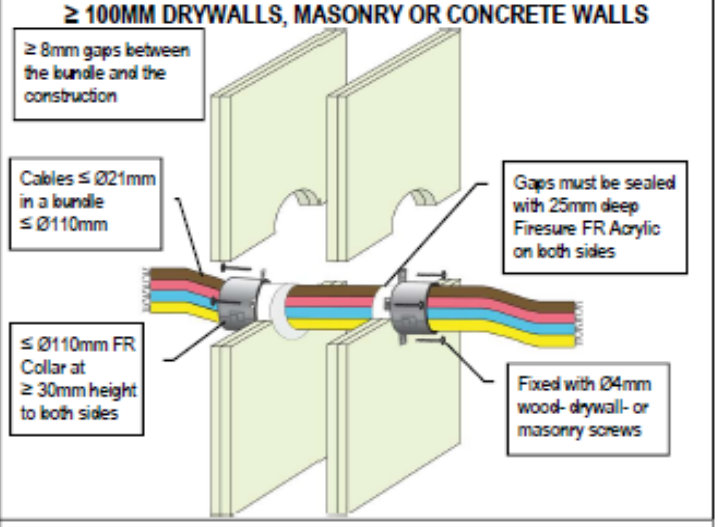
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



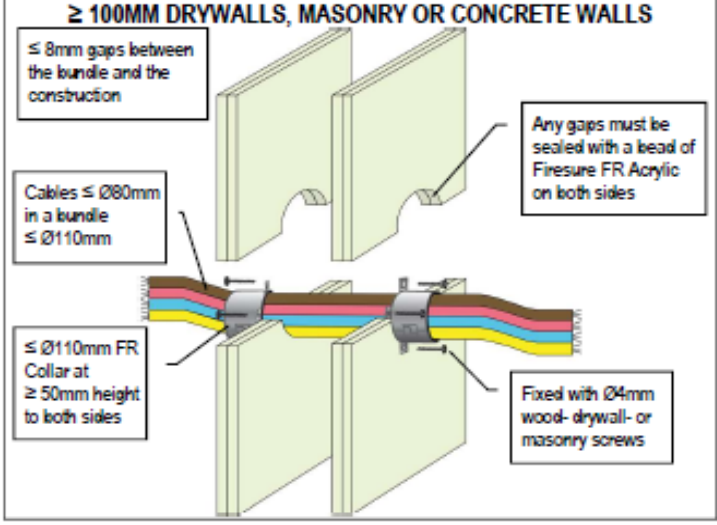
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



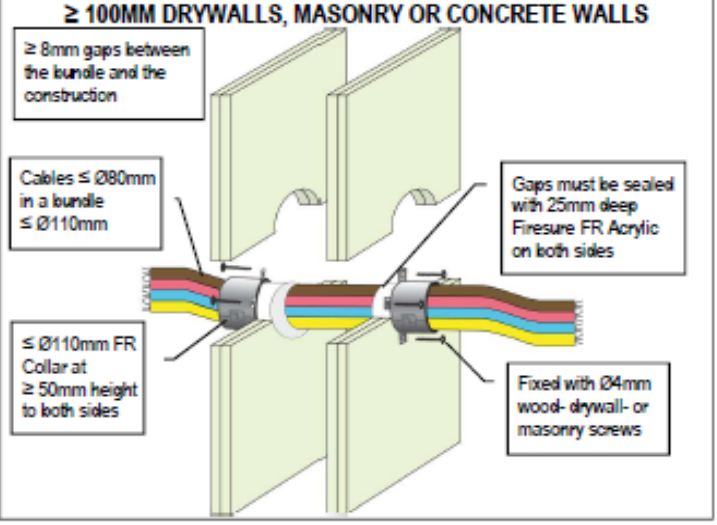
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

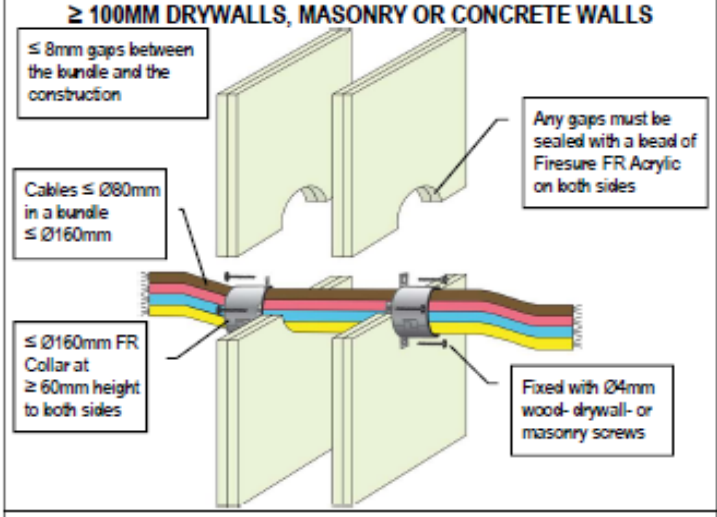
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 4 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

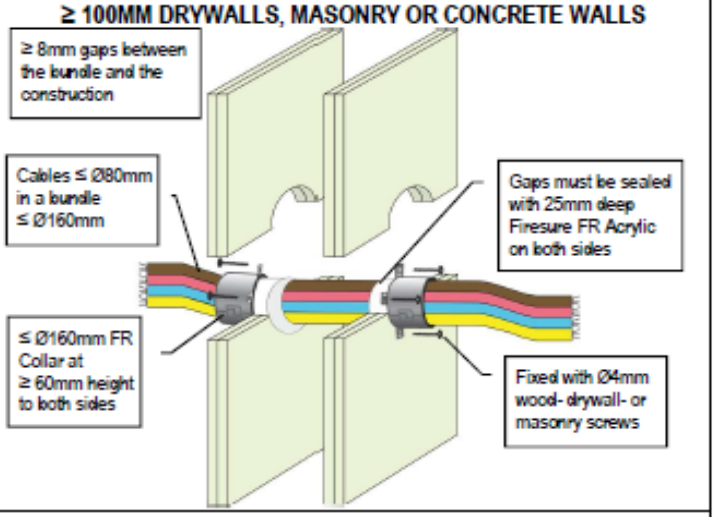
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



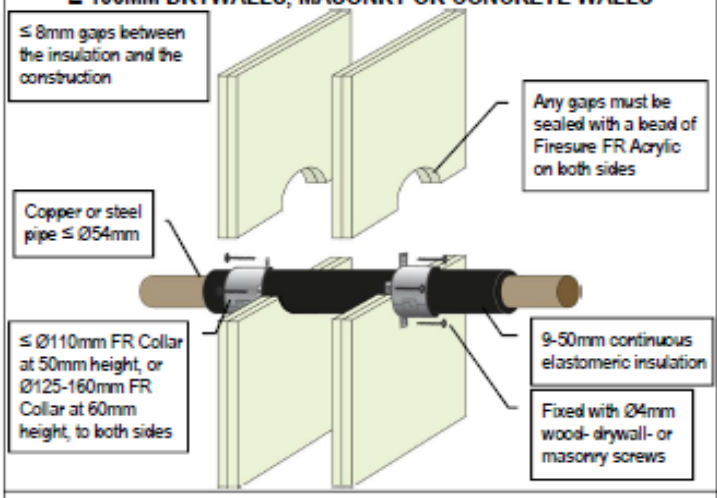
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



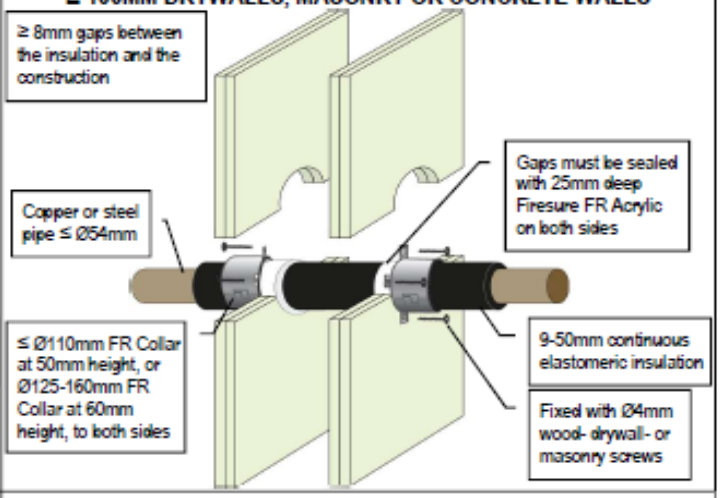
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



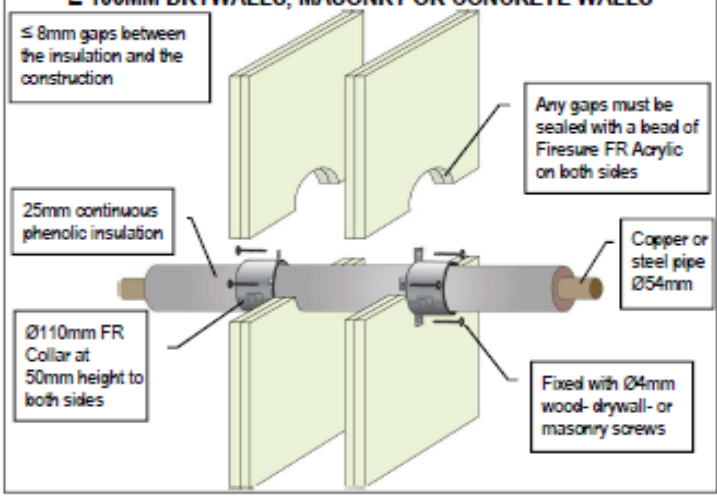
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



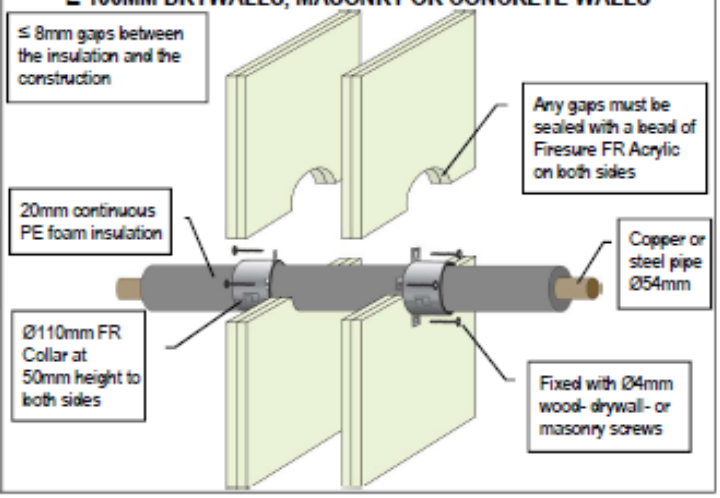
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



COPPER OR STEEL PIPE FIRE RESISTANCE EI 90 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



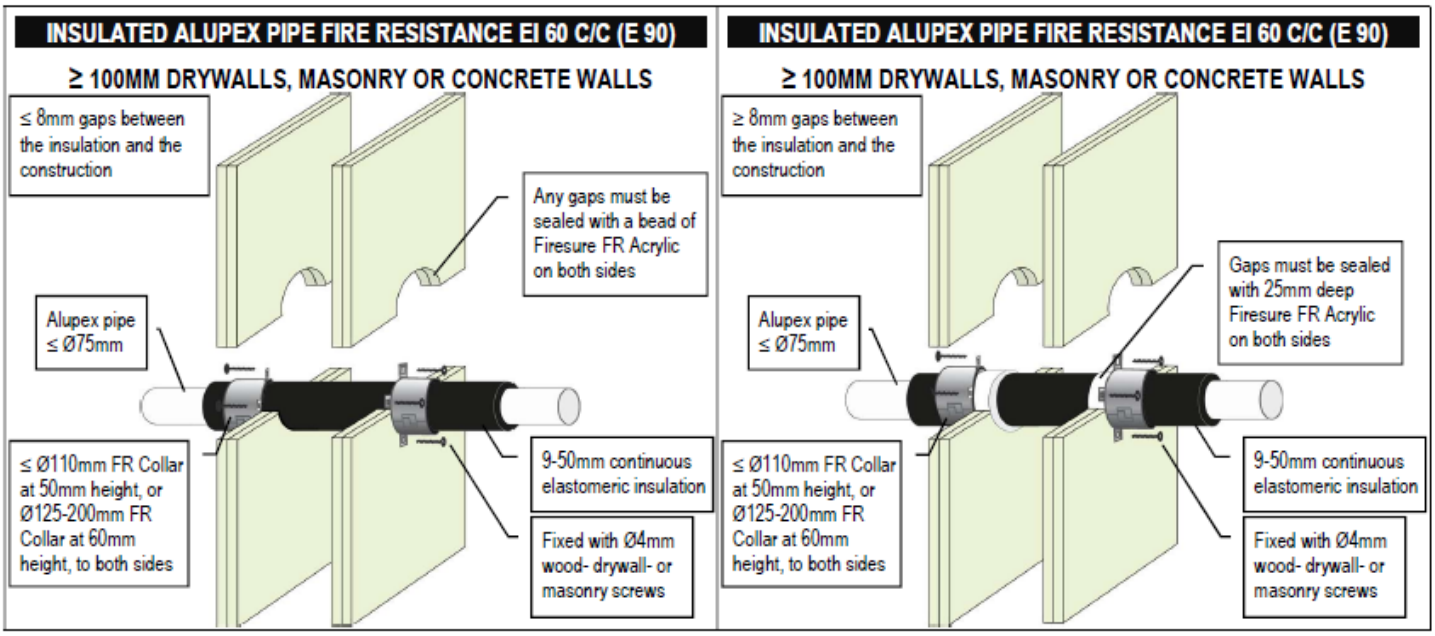
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 5 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

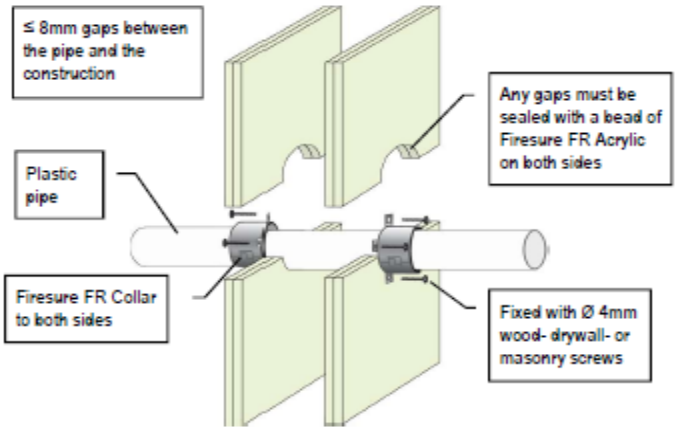
Installation Instructions to ETA 20/0355

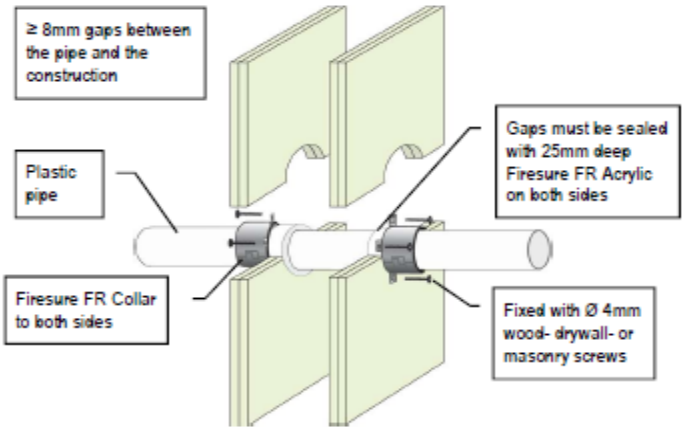
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 6 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 60-90

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS





PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
32	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
55	1.3 – 4.7	30	EI 60 (E 60)	EI 60 (E 60)	-	-
55	2.5 – 4.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	1.5 – 5.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.5 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	1.8 – 5.4	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.6 – 5.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	2.0 – 5.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	2.6 – 5.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	2.2 – 5.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	2.6 – 5.9	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	2.7 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	2.7 – 6.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
125	2.9 – 7.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
140	3.0 – 8.3	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
160	3.2 – 9.5	50	EI 90 (E 90)	EI 90 (E 90)	-	-
160	3.2 – 9.5	60	EI 90 (E 90)	EI 90 (E 90)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 11.9	60	EI 120 (E 120)	EI 120 (E 120)	-	-
315	7.7 – 12.1	75	EI 90 (E 90)	-	-	-
400	9.8 – 11.9	100	EI 90 (E 120)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

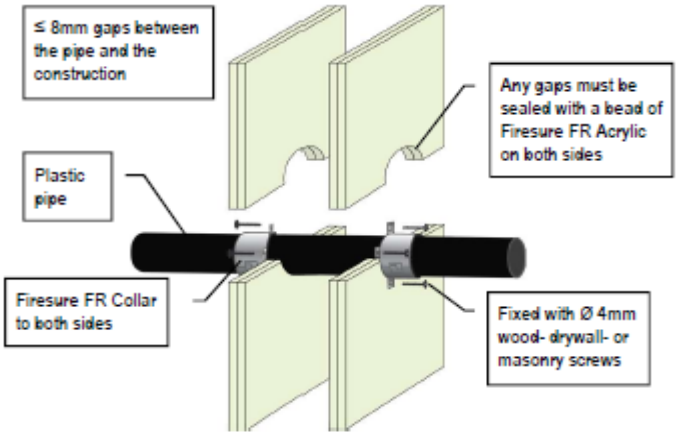
Installation Instructions to ETA 20/0355

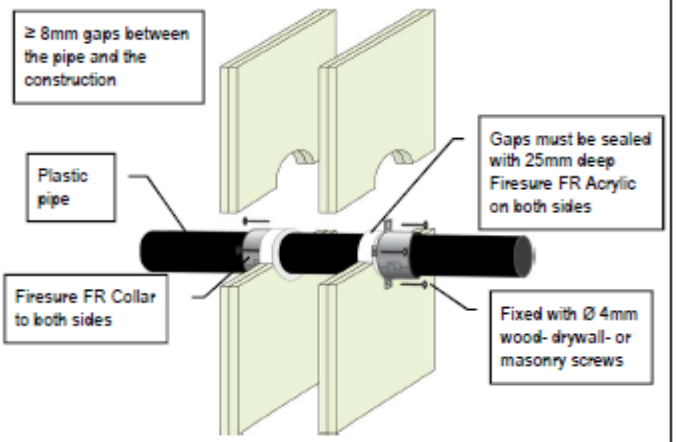
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 7 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60-90

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS





PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
32	3.0 – 4.6	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
40	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	3.0 – 4.6	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
50	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	3.0 – 4.6	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
55	3.0 – 6.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
55	3.1 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	3.1 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	3.1 – 5.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	3.2 – 7.5	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	3.2 – 6.8	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	3.2 – 8.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.2 – 7.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	3.3 – 8.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.3 – 8.1	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	3.4 – 10.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	3.4 – 10.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
125	4.2 – 9.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	4.0 – 11.5	60	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
140	5.1 – 9.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.4 – 12.8	60	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
160	6.2 – 9.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 14.6	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
200	6.2 – 18.2	60	EI 90 (E 120)	EI 90 (E 120)	-	-
400	36.3	100	EI 90 (E 90)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

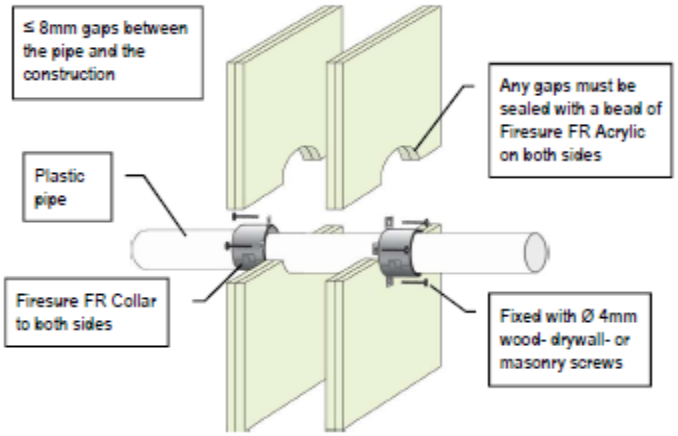
Installation Instructions to ETA 20/0355

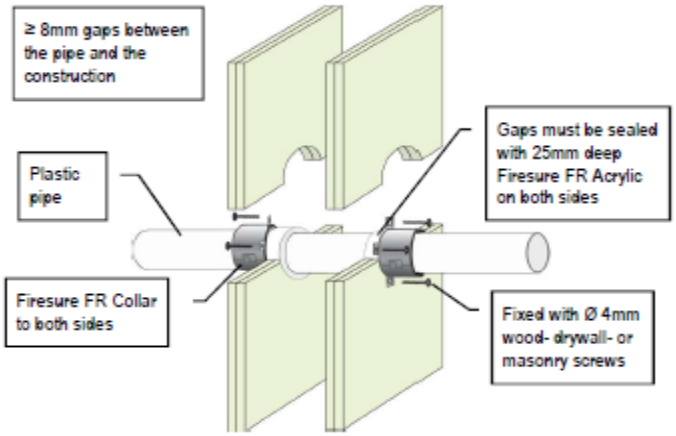
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 8 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 60

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS





PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
32	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
55	2.0 – 5.7	30	EI 60 (E 90)	EI 60 (E 90)	-	-
55	2.0 – 4.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
55	4.8 – 6.0	50	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.2 – 5.8	30	EI 60 (E 90)	EI 60 (E 90)	-	-
63	2.2 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	5.1 – 6.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.5 – 5.9	30	EI 60 (E 90)	EI 60 (E 90)	-	-
75	2.5 – 5.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	5.5 – 7.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
82	2.7 – 6.0	30	EI 60 (E 90)	EI 60 (E 90)	-	-
82	2.7 – 5.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	5.7 – 8.2	50	EI 60 (E 60)	EI 60 (E 60)	-	-
90	2.9 – 6.1	30	EI 60 (E 90)	EI 60 (E 90)	-	-
90	2.9 – 5.9	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	6.0 – 8.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
110	3.4 – 6.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
110	3.4 – 6.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	6.7 – 10.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.8 – 11.7	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.9 – 9.0	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
140	4.2 – 12.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.4 – 11.4	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
160	4.9 – 14.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 14.6	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 18.2	60	EI 90 (E 120)	EI 90 (E 120)	-	-
400	22.7	100	EI 60 (E 60)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

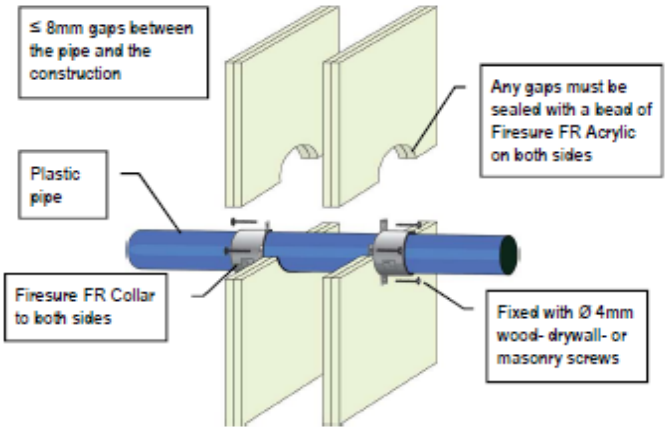
Installation Instructions to ETA 20/0355

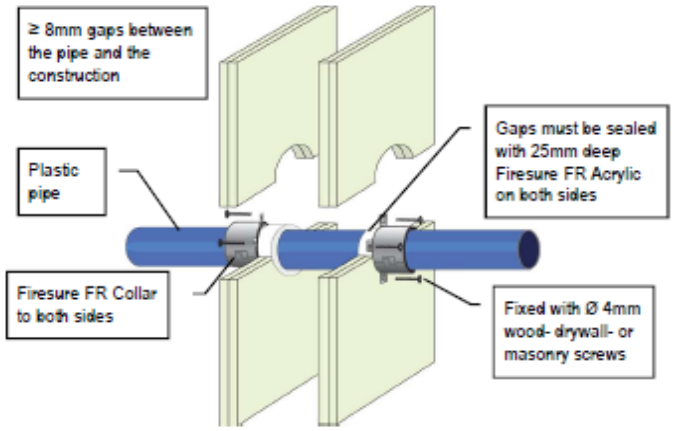
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 9 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

COMPOSITE PLASTIC PIPES FIRE RESISTANCE EI 0 - 120

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS





Composite Plastic Pipes						
Pipe & Collar Descriptions			Fire Classifications			
Pipe	Pipe Diameter [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
Aquatherm Green SDR9	32	30	EI 120 (E 120)	-	-	-
	40 – 50	50	EI 120 (E 120)	-	-	-
	63 – 110	50	EI 60 (E 120)	-	-	-
BluePower	32 – 50	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
	75 – 110	50	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)	-
	125	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	-
	160	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	-
Geberit Silent-PP	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)
Polo-Kal NG pipes	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
	125	60	EI 120 (E 120)	EI 120 (E 120)	(E 120)	(E 120)
	160	60	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
Rehau Raupiano Plus	40 – 50	50	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)	EI 90 (E 120)
	75 – 110	50	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)
	125 – 160	60	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
Uponor Decibel	50 – 110	50	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)
Wavin SiTech	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)	EI 60 (E 120)

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

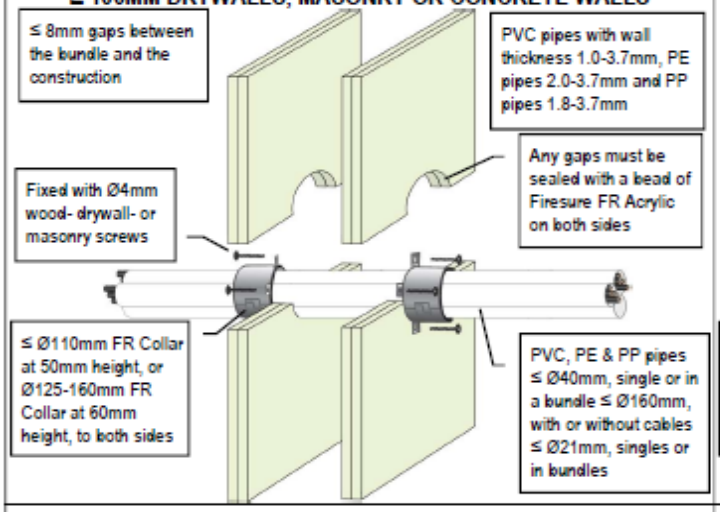
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 10 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

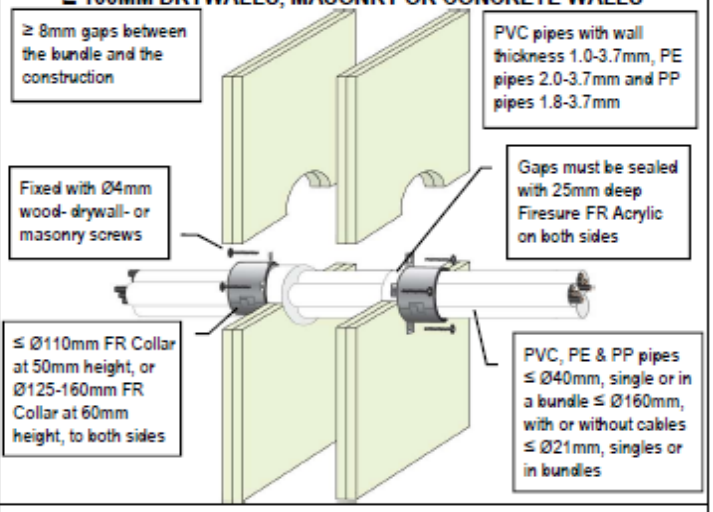
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 U/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



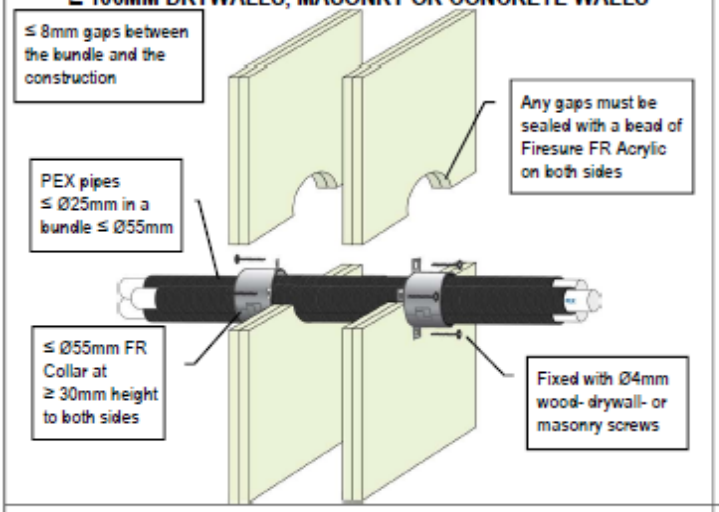
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 U/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



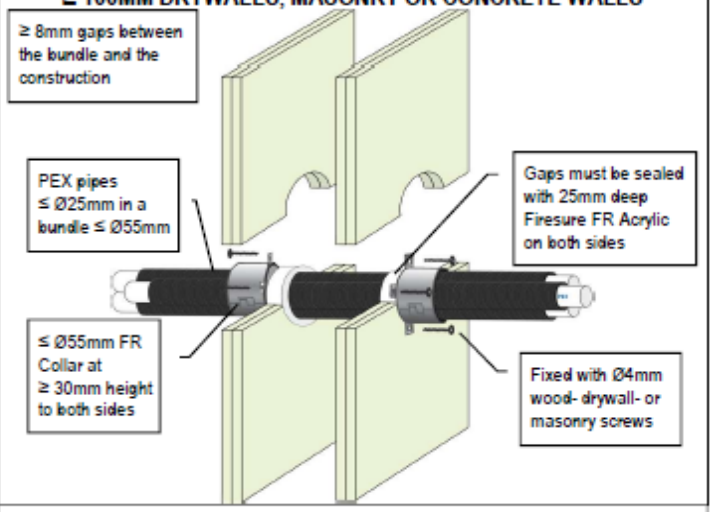
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



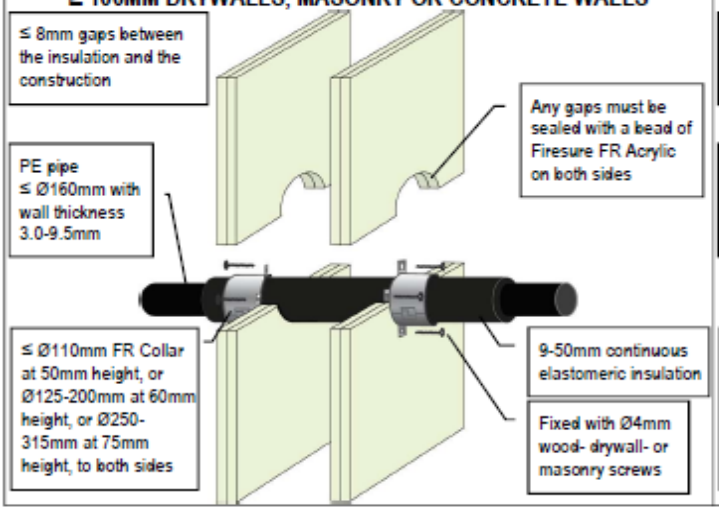
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



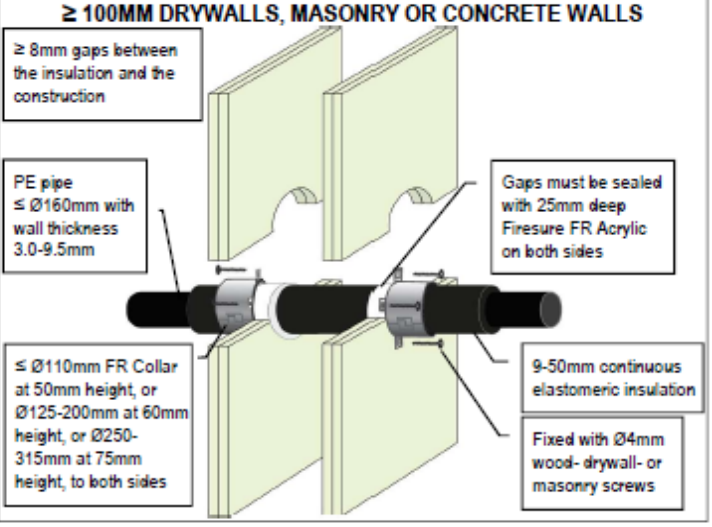
INSULATED PE PIPE FIRE RESISTANCE EI 90 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



INSULATED PE PIPE FIRE RESISTANCE EI 90 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

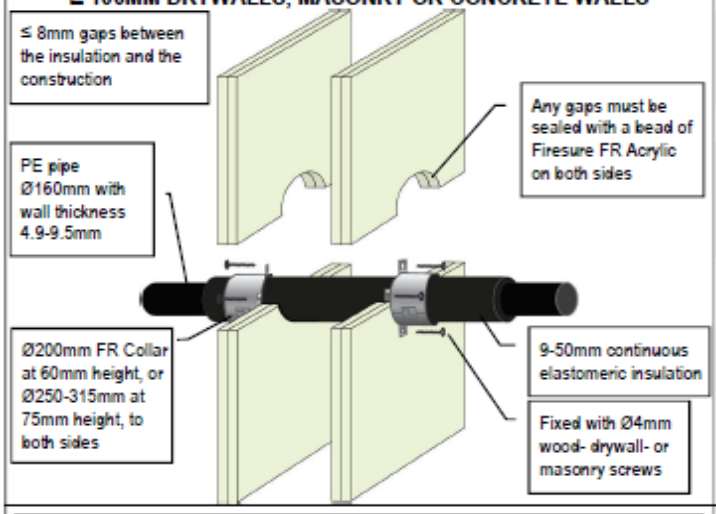
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 11 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

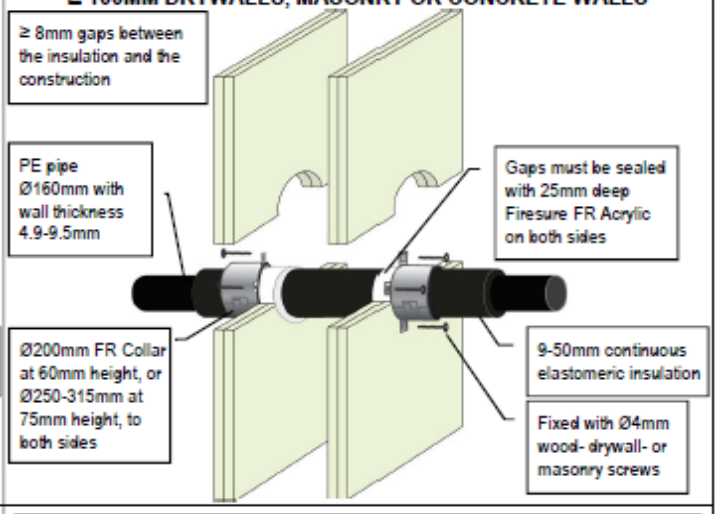
INSULATED PE PIPE FIRE RESISTANCE EI 120 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



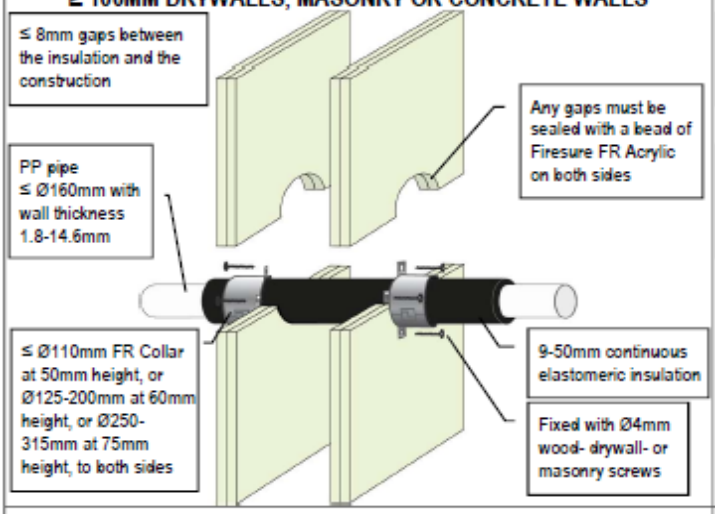
INSULATED PE PIPE FIRE RESISTANCE EI 120 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



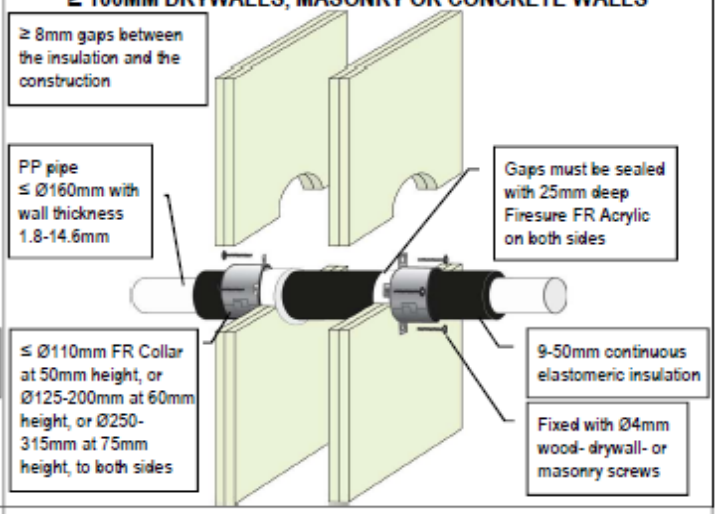
INSULATED PP PIPE FIRE RESISTANCE EI 90 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



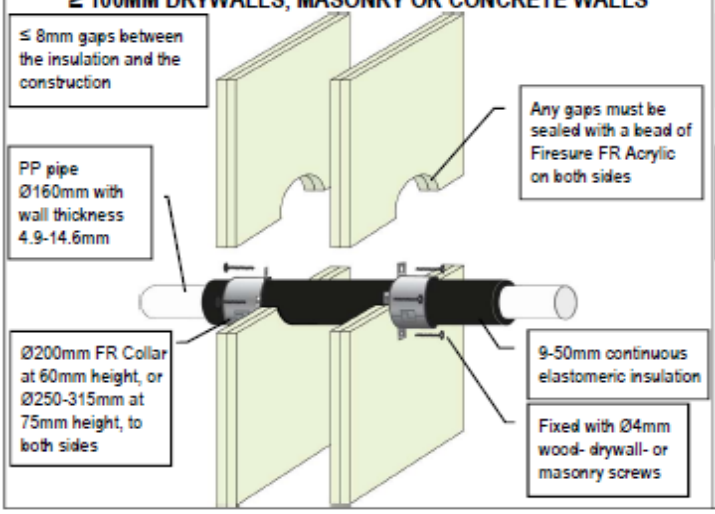
INSULATED PP PIPE FIRE RESISTANCE EI 90 C/C (E 90)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



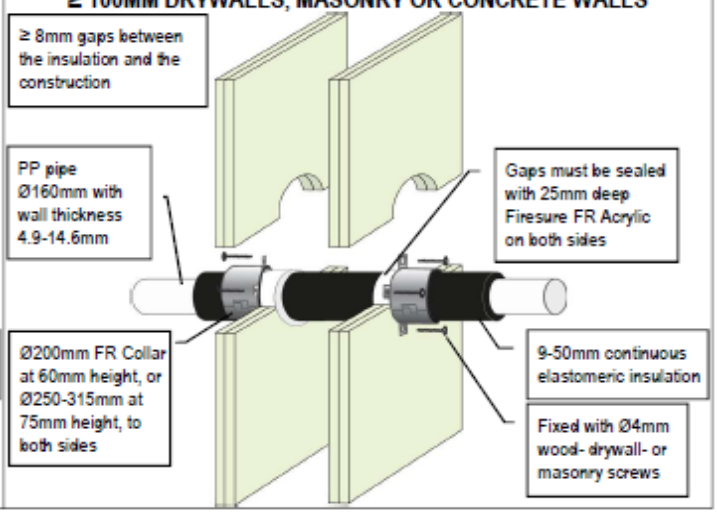
INSULATED PP PIPE FIRE RESISTANCE EI 120 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



INSULATED PP PIPE FIRE RESISTANCE EI 120 C/C (E 120)

≥ 100MM DRYWALLS, MASONRY OR CONCRETE WALLS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

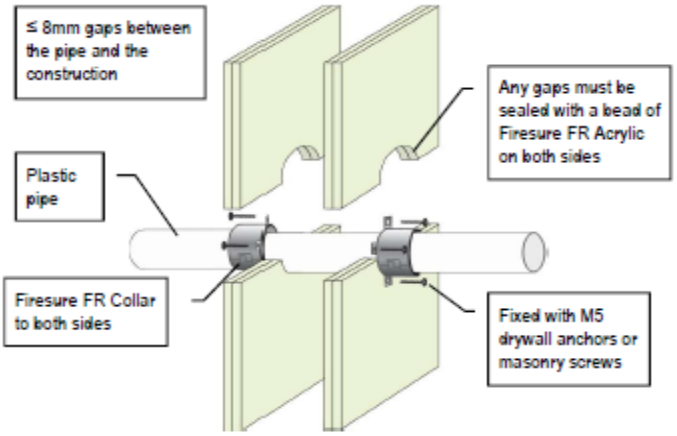
Installation Instructions to ETA 20/0355

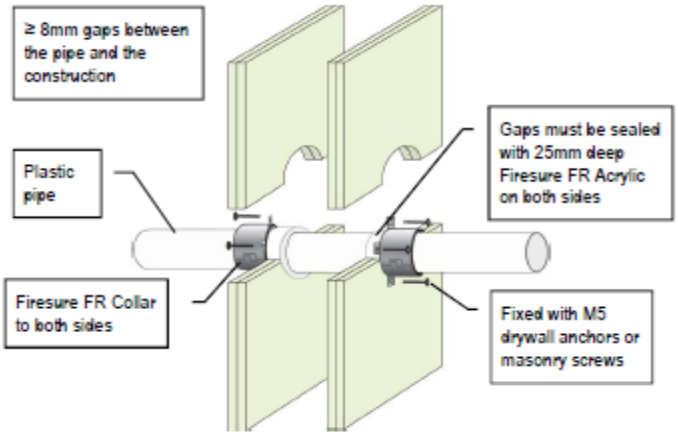
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 12 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC & PE PLASTIC PIPES FIRE RESISTANCE EI 90 - 120

≥ 120MM DRYWALLS, MASONRY OR CONCRETE WALLS





PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.4 – 3.7	50	EI 120 (E 120)	-	-	-
40	2.4 – 3.7	50	EI 120 (E 120)	-	-	-
50	2.4 – 3.7	50	EI 120 (E 120)	-	-	-
55	2.4 – 3.9	50	EI 120 (E 120)	-	-	-
63	2.5 – 4.3	50	EI 120 (E 120)	-	-	-
75	2.5 – 4.9	50	EI 120 (E 120)	-	-	-
82	2.6 – 5.2	50	EI 120 (E 120)	-	-	-
90	2.6 – 5.6	50	EI 120 (E 120)	-	-	-
110	2.7 – 6.6	50	EI 120 (E 120)	-	-	-
125	3.1 – 7.5	60	EI 120 (E 120)	-	-	-
140	3.5 – 8.4	60	EI 120 (E 120)	-	-	-
160	4.0 – 9.5	60	EI 120 (E 120)	-	-	-
200	4.9 – 11.9	60	EI 120 (E 120)	EI 120 (E 120)	-	-

PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	50	EI 120 (E 120)	-	-	-
40	3.0 – 4.6	50	EI 120 (E 120)	-	-	-
50	3.0 – 4.6	50	EI 120 (E 120)	-	-	-
55	3.1 – 5.0	50	EI 90 (E 120)	-	-	-
63	3.1 – 5.7	50	EI 90 (E 120)	-	-	-
75	3.2 – 6.8	50	EI 90 (E 120)	-	-	-
82	3.2 – 7.5	50	EI 90 (E 120)	-	-	-
90	3.3 – 8.2	50	EI 90 (E 120)	-	-	-
110	3.4 – 10.0	50	EI 90 (E 120)	-	-	-
110	3.4	50	EI 120 (E 120)	-	-	-
125	3.9 – 5.3	60	EI 120 (E 120)	-	-	-
140	4.3 – 7.1	60	EI 120 (E 120)	-	-	-
160	4.9 – 9.5	60	EI 120 (E 120)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

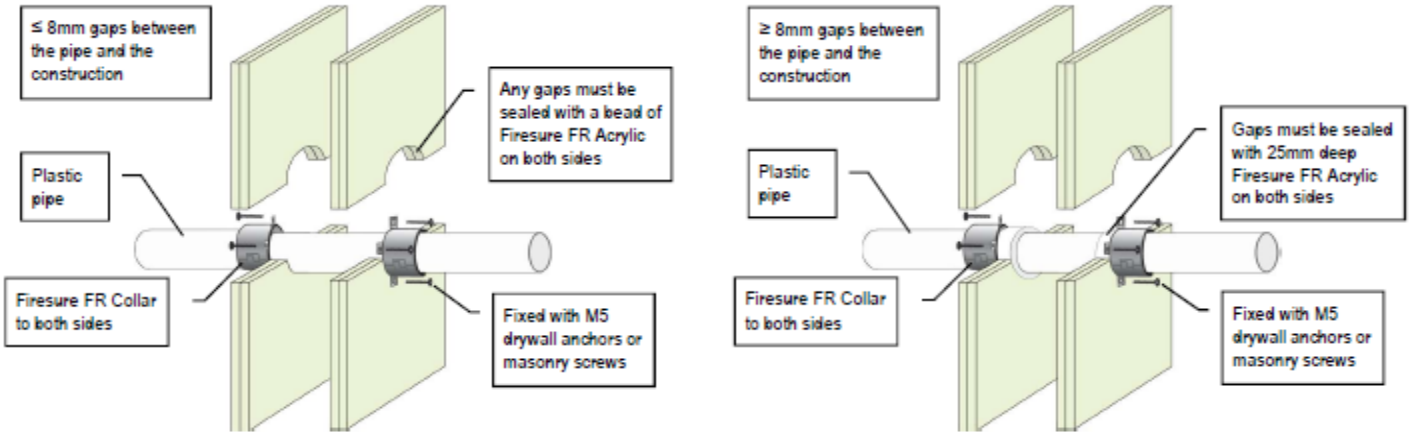
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 13 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 90 - 120

≥ 120MM DRYWALLS, MASONRY OR CONCRETE WALLS



PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.9 – 4.6	50	EI 120 (E 120)	-	-	-
40	2.9 – 4.6	50	EI 120 (E 120)	-	-	-
50	2.9 – 4.6	50	EI 120 (E 120)	-	-	-
55	2.9 – 5.0	50	EI 90 (E 120)	-	-	-
63	2.9 – 5.7	50	EI 90 (E 120)	-	-	-
75	2.8 – 6.8	50	EI 90 (E 120)	-	-	-
82	2.8 – 7.5	50	EI 90 (E 120)	-	-	-
90	2.8 – 8.2	50	EI 90 (E 120)	-	-	-
110	2.7 – 10.0	50	EI 90 (E 120)	-	-	-
125	3.3 – 11.3	60	EI 90 (E 120)	-	-	-
140	4.0 – 12.8	60	EI 90 (E 120)	-	-	-
160	4.9 – 14.6	60	EI 120 (E 120)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

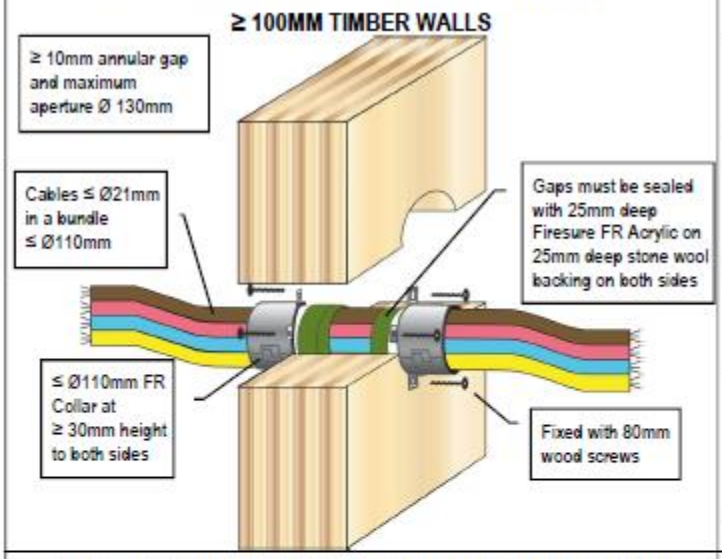
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 14 (47) 2021 1 1

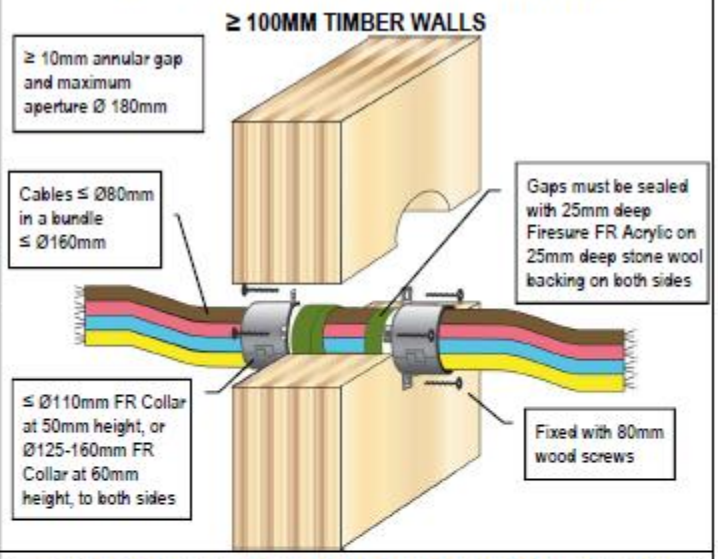
FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

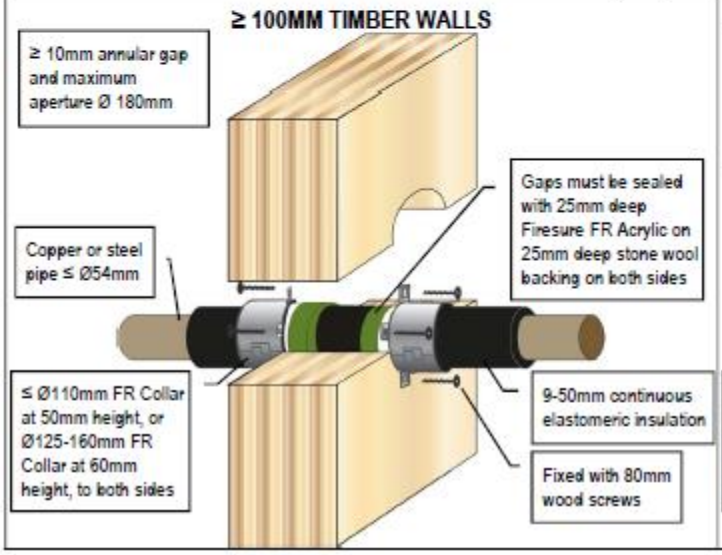
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 90)



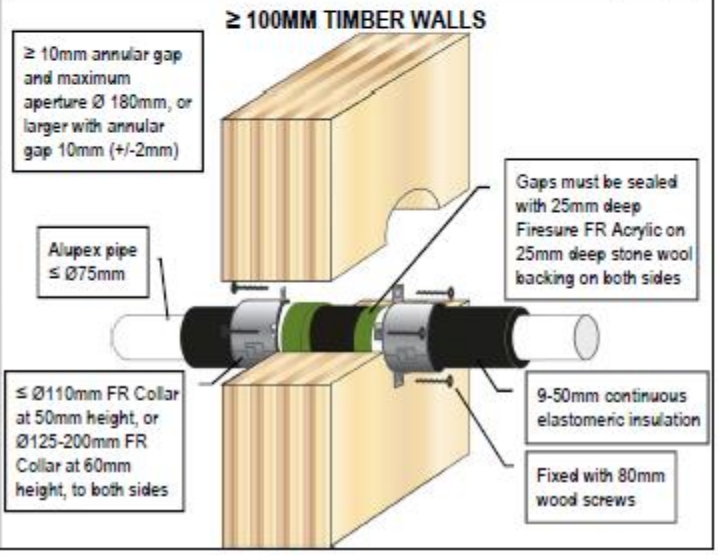
CABLE BUNDLE FIRE RESISTANCE EI 60 (E 90)



COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 90)



INSULATED ALUPEX PIPE FIRE RESISTANCE EI 60 C/C (E 90)



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

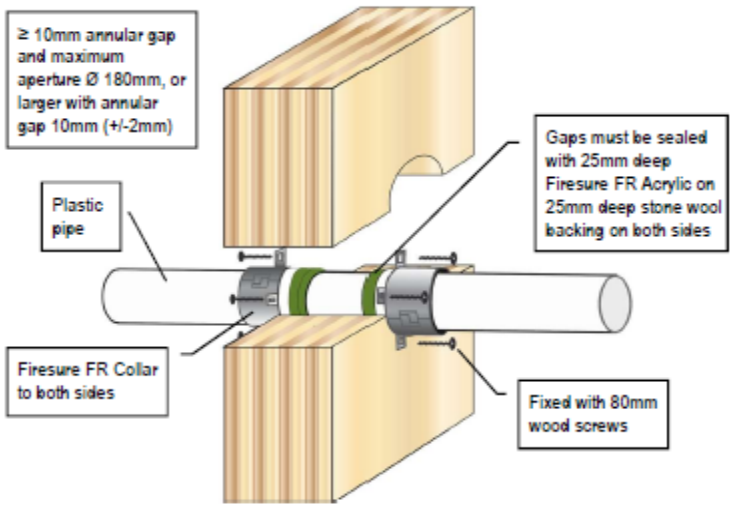
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 15 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 60-90

≥ 100MM TIMBER WALLS



PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
32	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	1.2 – 2.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	2.4 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
55	1.3 – 4.7	30	EI 60 (E 60)	EI 60 (E 60)	-	-
55	2.5 – 4.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	1.5 – 5.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.5 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	1.8 – 5.4	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.6 – 5.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	2.0 – 5.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	2.6 – 5.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	2.2 – 5.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	2.6 – 5.9	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	2.7 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	2.7 – 6.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
125	2.9 – 7.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
140	3.0 – 8.3	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
160	3.2 – 9.5	50	EI 90 (E 90)	EI 90 (E 90)	-	-
160	3.2 – 9.5	60	EI 90 (E 90)	EI 90 (E 90)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 11.9	60	EI 90 (E 90)	EI 90 (E 90)	-	-
315	7.7 – 12.1	75	EI 90 (E 90)	-	-	-
400	9.8 – 11.9	100	EI 90 (E 90)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

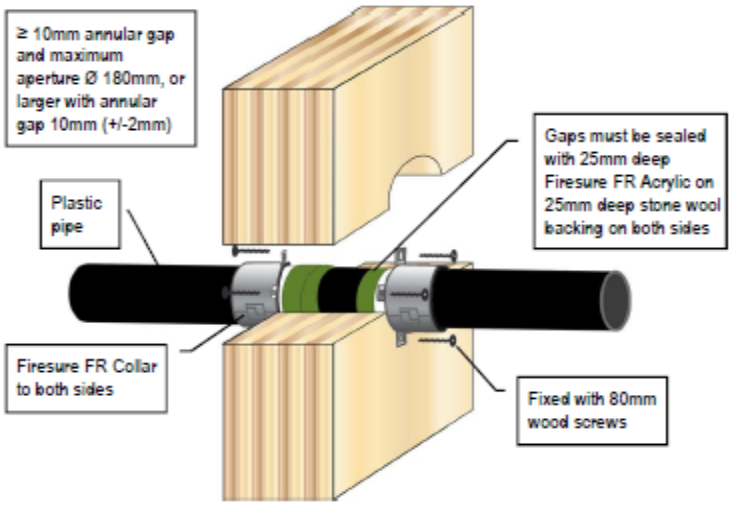
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 16 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60-90

≥ 100MM TIMBER WALLS



PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
32	3.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
40	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	3.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
50	3.0 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	3.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
55	3.0 – 6.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
55	3.1 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	3.1 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	3.1 – 5.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	3.2 – 7.5	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	3.2 – 6.8	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	3.2 – 8.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.2 – 7.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	3.3 – 8.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.3 – 8.1	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	3.4 – 10.0	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	3.4 – 10.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
125	4.2 – 9.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	4.0 – 11.5	60	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
140	5.1 – 9.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.4 – 12.8	60	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
160	6.2 – 9.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 14.6	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
200	6.2 – 18.2	60	EI 90 (E 90)	EI 90 (E 90)	-	-
400	36.3	100	EI 90 (E 90)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

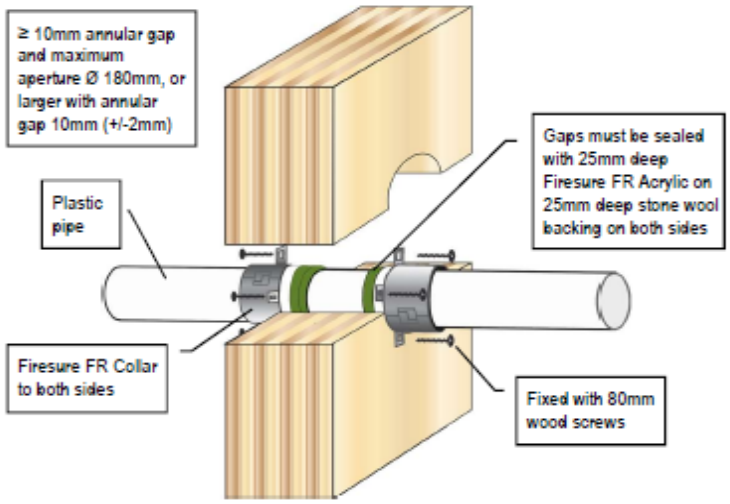
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 17 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 60-90

≥ 100MM TIMBER WALLS



PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
32	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
40	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
50	1.8 – 4.6	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	4.7 – 5.6	30	EI 60 (E 90)	EI 60 (E 90)	-	-
55	2.0 – 5.7	30	EI 60 (E 90)	EI 60 (E 90)	-	-
55	2.0 – 4.7	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
55	4.8 – 6.0	50	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.2 – 5.8	30	EI 60 (E 90)	EI 60 (E 90)	-	-
63	2.2 – 5.0	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
63	5.1 – 6.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.5 – 5.9	30	EI 60 (E 90)	EI 60 (E 90)	-	-
75	2.5 – 5.4	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
75	5.5 – 7.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
82	2.7 – 6.0	30	EI 60 (E 90)	EI 60 (E 90)	-	-
82	2.7 – 5.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
82	5.7 – 8.2	50	EI 60 (E 60)	EI 60 (E 60)	-	-
90	2.9 – 6.1	30	EI 60 (E 90)	EI 60 (E 90)	-	-
90	2.9 – 5.9	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
90	6.0 – 8.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
110	3.4 – 6.3	30	EI 60 (E 90)	EI 60 (E 90)	-	-
110	3.4 – 6.6	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
110	6.7 – 10.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.8 – 11.7	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.9 – 9.0	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
140	4.2 – 12.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.4 – 11.4	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
160	4.9 – 14.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 14.6	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 18.2	60	EI 90 (E 90)	EI 90 (E 90)	-	-
400	22.7	100	EI 60 (E 60)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

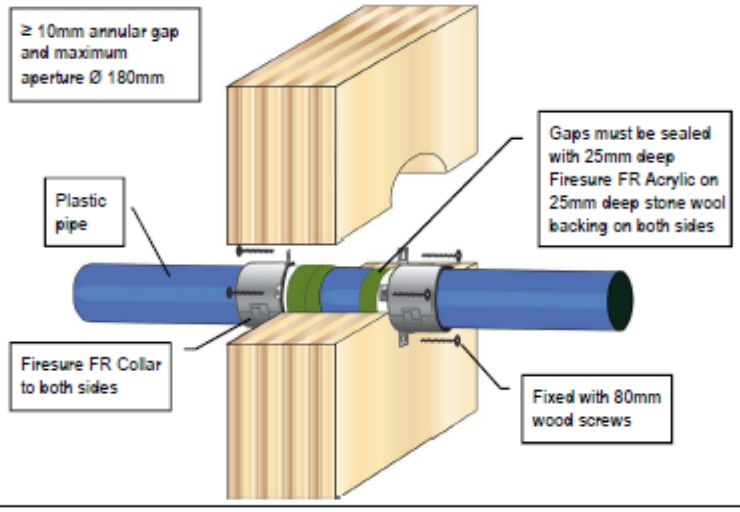
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 18 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

COMPOSITE PLASTIC PIPES FIRE RESISTANCE EI 0-90

≥ 100MM TIMBER WALLS



Composite Plastic Pipes						
Pipe & Collar Descriptions			**Fire Classifications**			
Pipe	**Pipe Diameter [mm]**	**Minimum Collar Height [mm]**	**C/C**	**U/C**	**C/U**	**U/U**
Aquatherm Green SDR9	32	30	EI 90 (E 90)	-	-	-
	40 – 50	50	EI 90 (E 90)	-	-	-
	63 – 110	50	EI 60 (E 90)	-	-	-
BluePower	32 – 50	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	75 – 110	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	-
	125	60	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	-
	160	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	-
Geberit Silent-PP	32 – 50	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	75 – 110	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
Polo-Kal NG pipes	32 – 50	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	75 – 110	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	125	60	EI 90 (E 90)	EI 90 (E 90)	(E 90)	(E 90)
	160	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
Rehau Raupiano Plus	40 – 50	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	75 – 110	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
	125 – 160	60	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
Uponor Decibel	50 – 110	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
Wavin SiTech	32 – 50	50	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)	EI 90 (E 90)
	75 – 110	50	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)

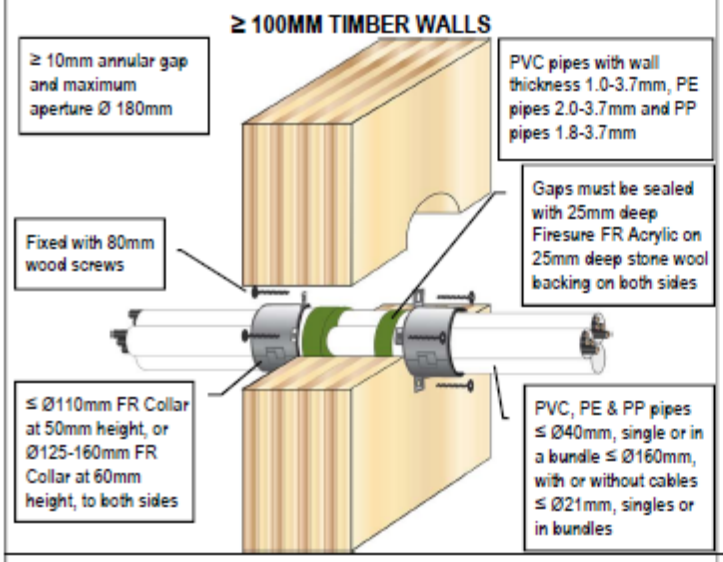
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

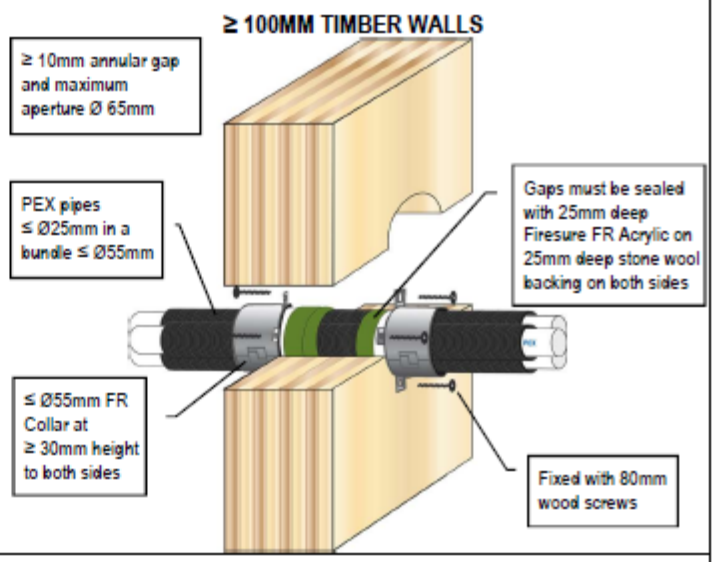
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 19 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

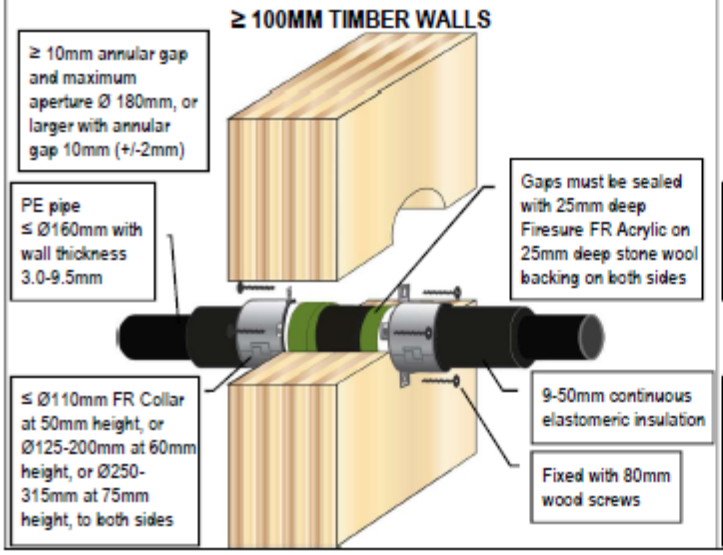
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 U/C (E 90)



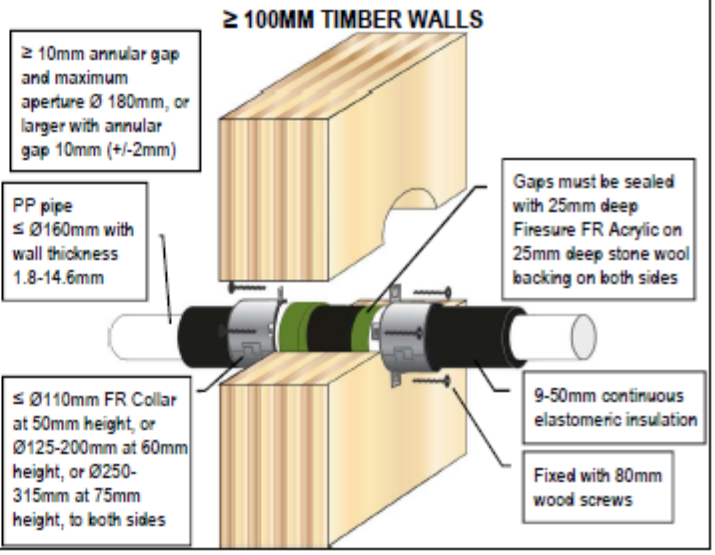
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 90)



INSULATED PE PIPE FIRE RESISTANCE EI 90 C/C (E 90)



INSULATED PP PIPE FIRE RESISTANCE EI 90 C/C (E 90)



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

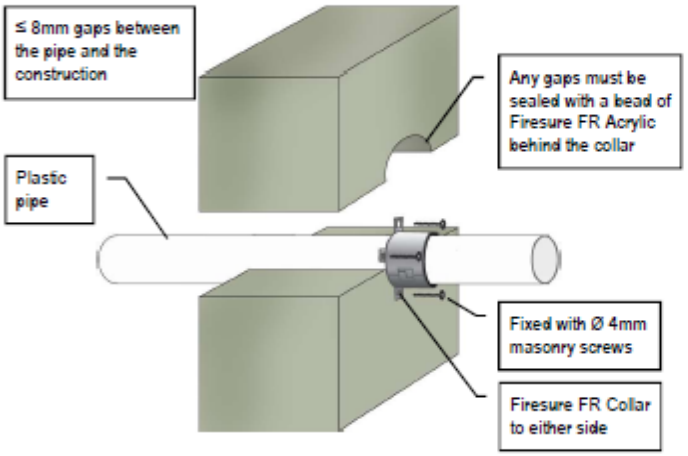
Installation Instructions to ETA 20/0355

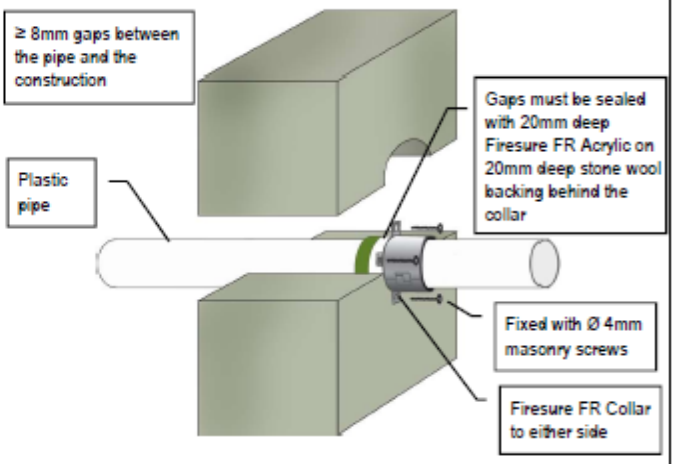
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 20 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 120 - 180

≥ 150MM MASONRY OR CONCRETE WALLS





PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.4 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	-	-
40	2.4 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	-	-
50	2.4 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	-	-
55	2.5 – 3.9	50	EI 120 (E 180)	EI 120 (E 180)	-	-
63	2.6 – 4.3	50	EI 120 (E 180)	EI 120 (E 180)	-	-
75	2.7 – 4.9	50	EI 120 (E 180)	EI 120 (E 180)	-	-
82	2.8 – 5.2	50	EI 120 (E 180)	EI 120 (E 180)	-	-
90	2.9 – 5.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
110	3.2 – 6.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
125	3.4 – 7.5	60	EI 120 (E 120)	EI 120 (E 120)	-	-
140	3.7 – 8.3	60	EI 120 (E 120)	EI 120 (E 120)	-	-
160	4.0 – 9.5	60	EI 120 (E 120)	EI 120 (E 120)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

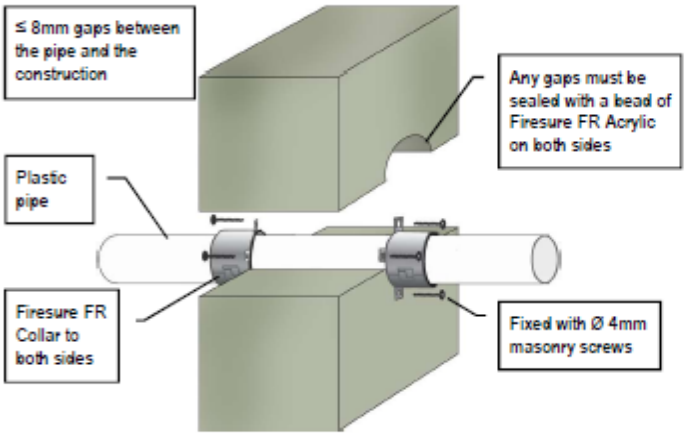
Installation Instructions to ETA 20/0355

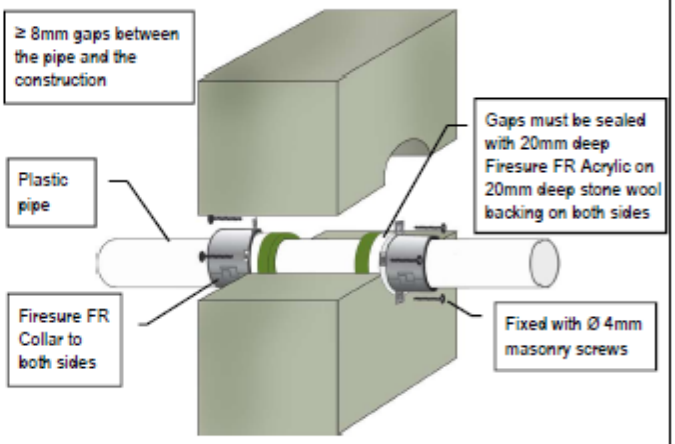
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 21 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 180 - 240

≥ 150MM MASONRY OR CONCRETE WALLS





PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.0 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
40	2.0 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
50	2.0 – 3.7	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
55	2.1 – 3.9	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
63	2.2 – 4.3	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
75	2.3 – 4.9	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
82	2.4 – 5.2	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
90	2.5 – 5.6	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
110	2.7 – 6.6	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
125	3.1 – 7.5	60	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
140	3.5 – 8.4	60	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
160	4.0 – 9.5	60	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
315	9.2	75	EI 120 (E 120)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

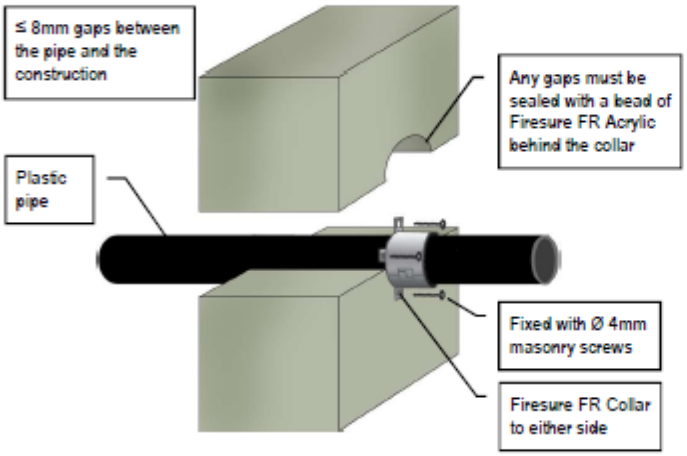
Installation Instructions to ETA 20/0355

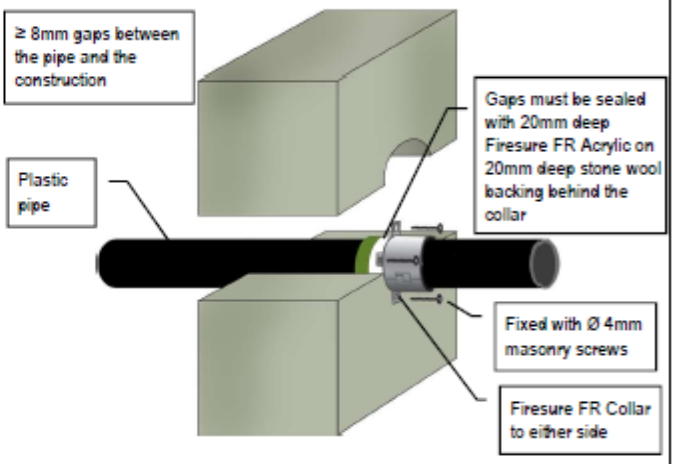
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 22 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 90 - 180

≥ 150MM MASONRY OR CONCRETE WALLS





PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
40	3.0 – 4.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
50	3.0 – 4.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
55	3.1 – 4.5	50	EI 90 (E 90)	EI 90 (E 90)	-	-
63	3.1 – 4.3	50	EI 90 (E 90)	EI 90 (E 90)	-	-
75	3.2 – 4.1	50	EI 90 (E 90)	EI 90 (E 90)	-	-
82	3.2 – 3.9	50	EI 90 (E 90)	EI 90 (E 90)	-	-
90	3.3 – 3.8	50	EI 90 (E 90)	EI 90 (E 90)	-	-
110	3.4	50	EI 90 (E 90)	EI 90 (E 90)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

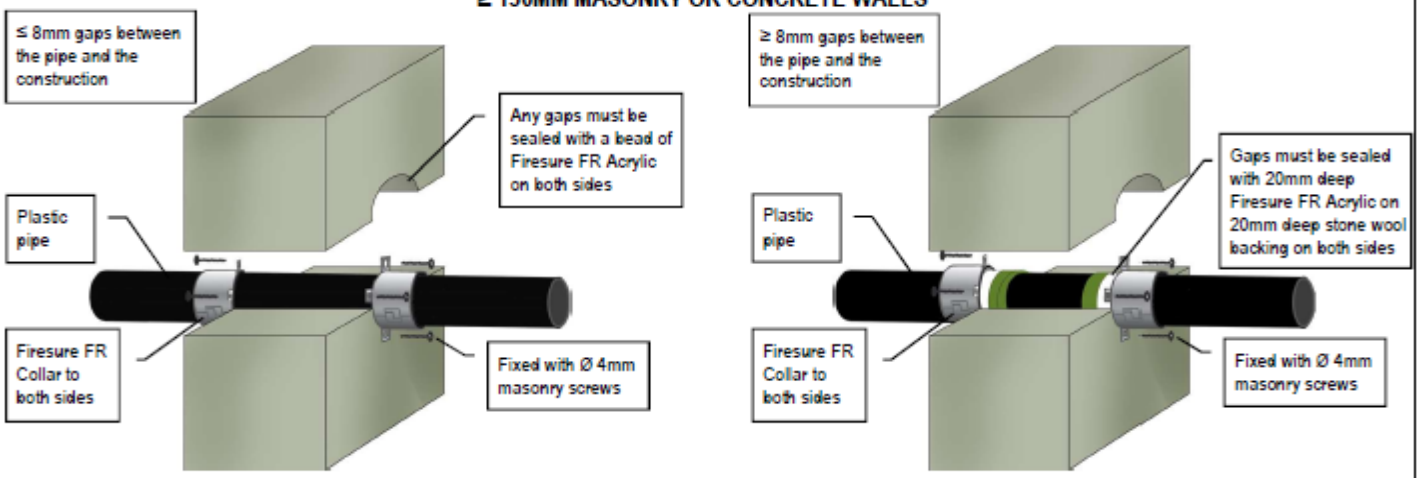
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 23 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60 - 240

≥ 150MM MASONRY OR CONCRETE WALLS



PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
40	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
50	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
55	3.1 – 4.5	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
55	4.6 – 4.8	50	EI 120 (E 180)	EI 120 (E 180)	-	-
63	3.1 – 4.3	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
63	4.4 – 5.0	50	EI 120 (E 180)	EI 120 (E 180)	-	-
75	3.2 – 4.1	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
75	4.2 – 5.4	50	EI 120 (E 180)	EI 120 (E 180)	-	-
82	3.3 – 3.9	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
82	4.0 – 5.7	50	EI 120 (E 180)	EI 120 (E 180)	-	-
90	3.3 – 3.8	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
90	3.9 – 5.9	50	EI 120 (E 180)	EI 120 (E 180)	-	-
110	3.4	50	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)
110	3.5 – 6.6	50	EI 120 (E 180)	EI 120 (E 180)	-	-
125	3.9 – 5.2	60	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
125	5.3 – 7.5	60	EI 120 (E 180)	EI 120 (E 180)	-	-
140	4.3 – 7.0	60	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
140	7.1 – 8.3	60	EI 120 (E 180)	EI 120 (E 180)	-	-
160	4.9 – 9.5	60	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
200	18.2	75	EI 60 (E 60)	-	-	-
250	22.7	75	EI 90 (E 120)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

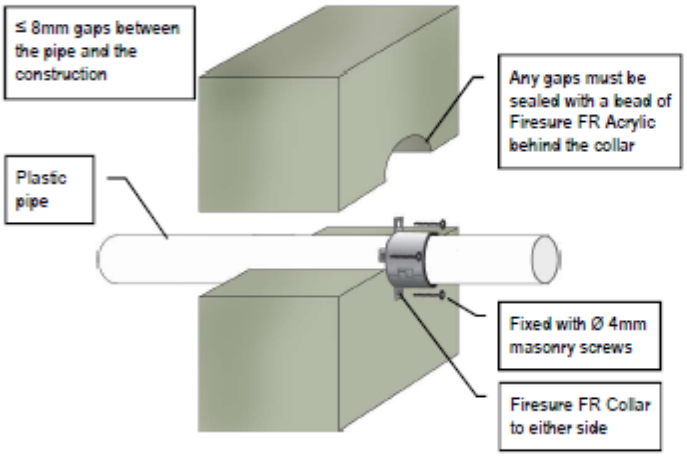
Installation Instructions to ETA 20/0355

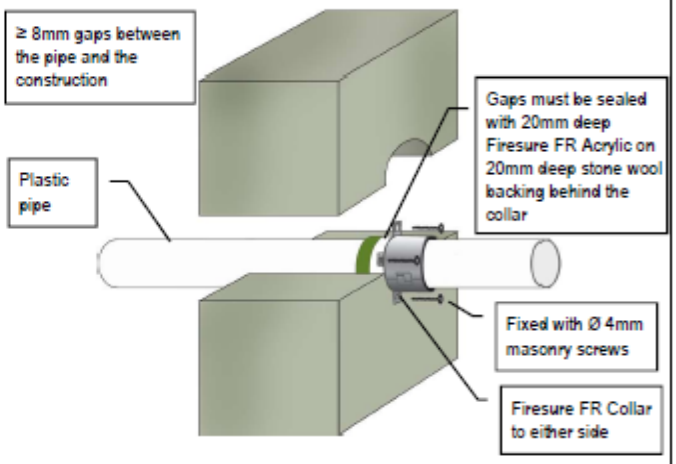
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 24 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 90

≥ 150MM MASONRY OR CONCRETE WALLS





PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	-	-
40	2.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	-	-
50	2.0 – 4.6	50	EI 90 (E 90)	EI 90 (E 90)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

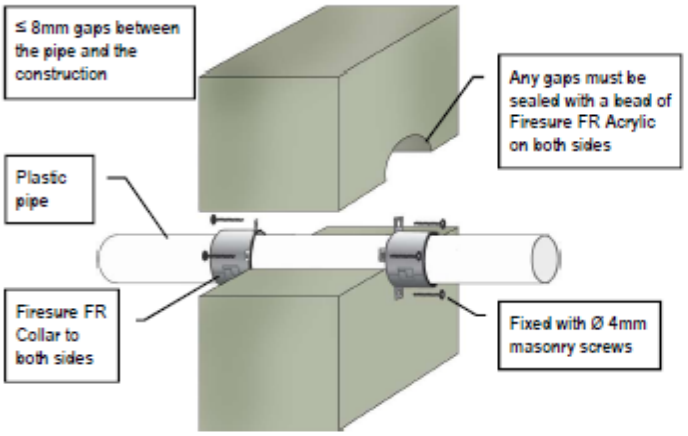
Installation Instructions to ETA 20/0355

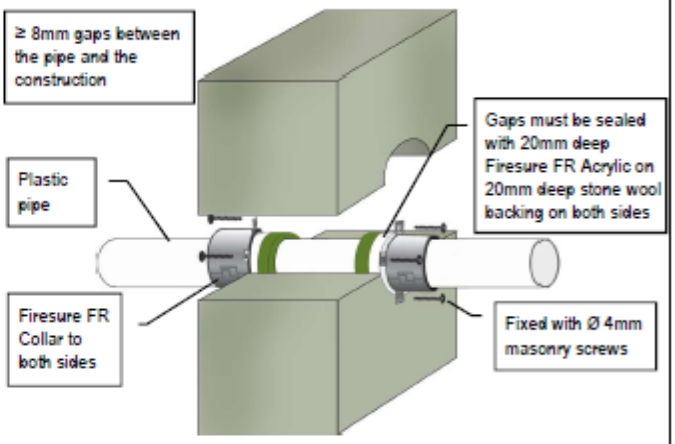
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 25 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 60 - 240

≥ 150MM MASONRY OR CONCRETE WALLS





PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.6 – 5.5	30	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
40	1.6 – 5.5	30	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
50	1.6 – 5.5	30	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
55	1.7 – 5.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
55	5.7 – 5.9	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
63	1.8 – 5.7	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
63	5.8 – 6.5	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
75	2.0 – 5.9	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
75	6.0 – 7.3	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
82	2.1 – 6.0	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
82	6.1 – 7.9	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
90	2.3 – 6.1	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
90	6.2 – 8.5	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
110	2.7 – 6.3	50	EI 240 (E 240)	EI 240 (E 240)	EI 90 (E 240)	EI 90 (E 240)
110	6.4 – 10.0	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 240)	EI 60 (E 240)
125	3.3 – 11.4	60	EI 180 (E 240)	EI 180 (E 240)	EI 60 (E 240)	EI 60 (E 240)
140	4.0 – 12.8	60	EI 180 (E 240)	EI 180 (E 240)	EI 60 (E 240)	EI 60 (E 240)
160	4.9 – 14.6	60	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)	EI 180 (E 240)

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

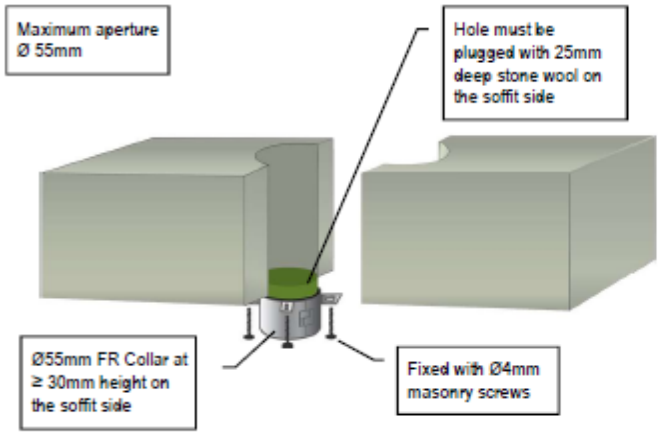
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 26 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

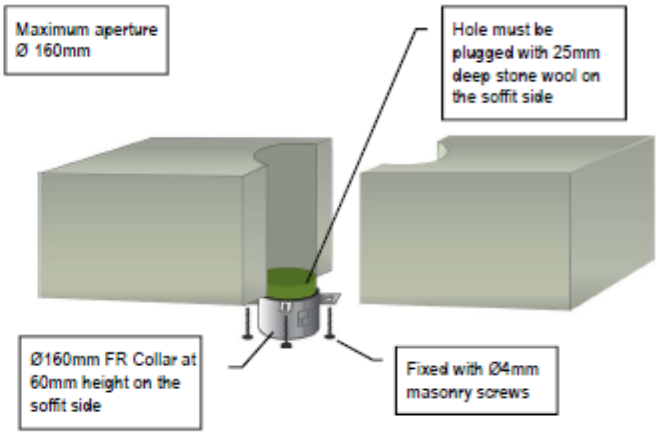
EMPTY HOLE FIRE RESISTANCE EI 60 (E 240)

RIGID FLOORS



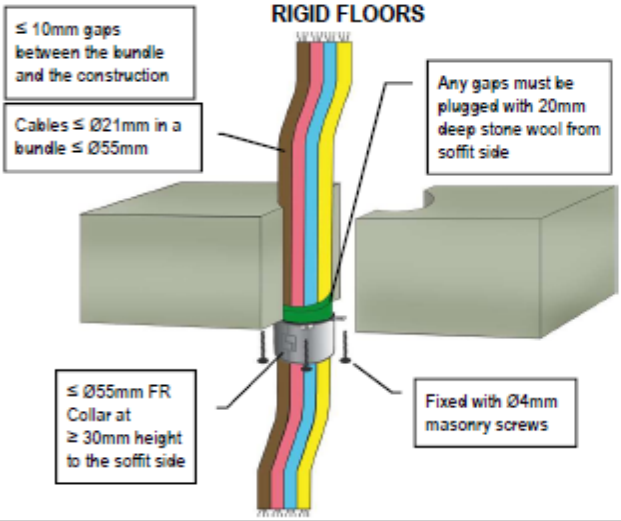
EMPTY HOLE FIRE RESISTANCE EI 120 (E 120)

RIGID FLOORS



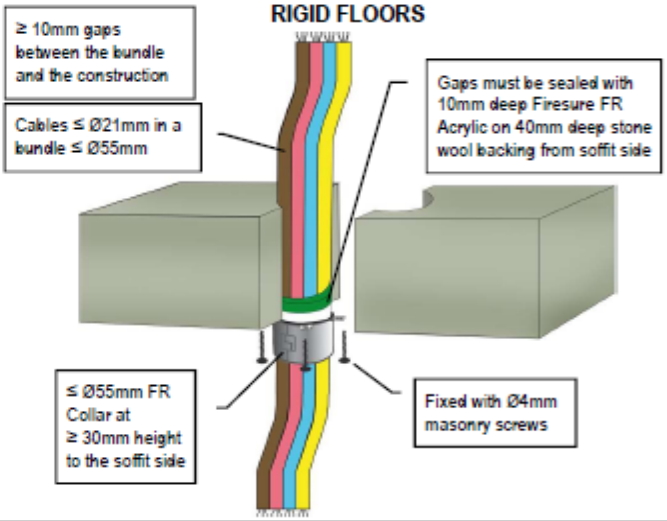
CABLE BUNDLE FIRE RESISTANCE EI 120 (E 120)

RIGID FLOORS



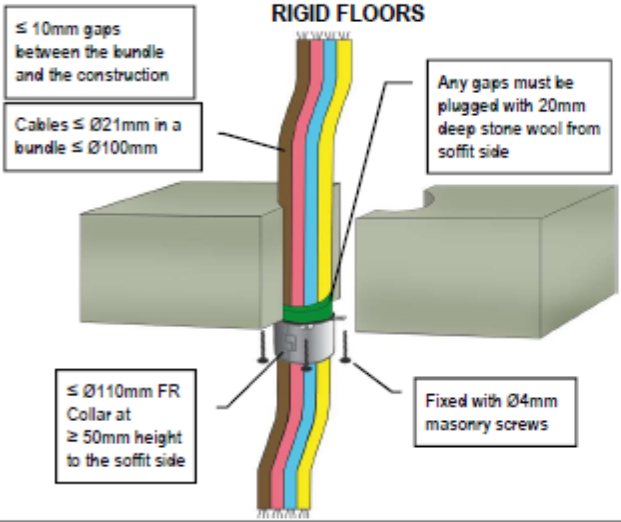
CABLE BUNDLE FIRE RESISTANCE EI 120 (E 120)

RIGID FLOORS



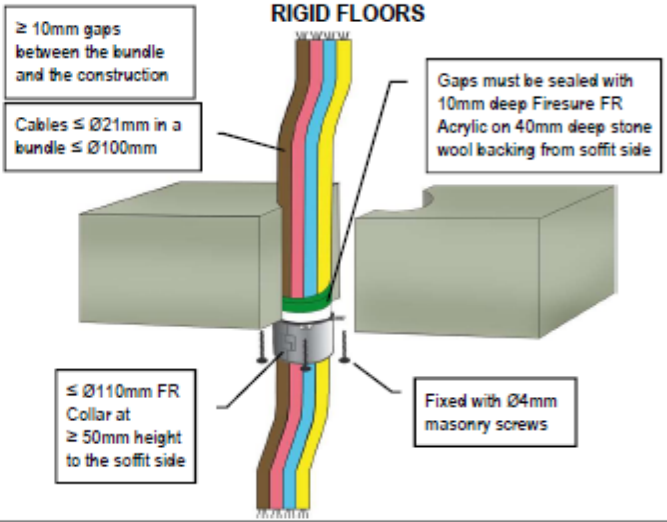
CABLE BUNDLE FIRE RESISTANCE EI 90 (E 90)

RIGID FLOORS



CABLE BUNDLE FIRE RESISTANCE EI 90 (E 90)

RIGID FLOORS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

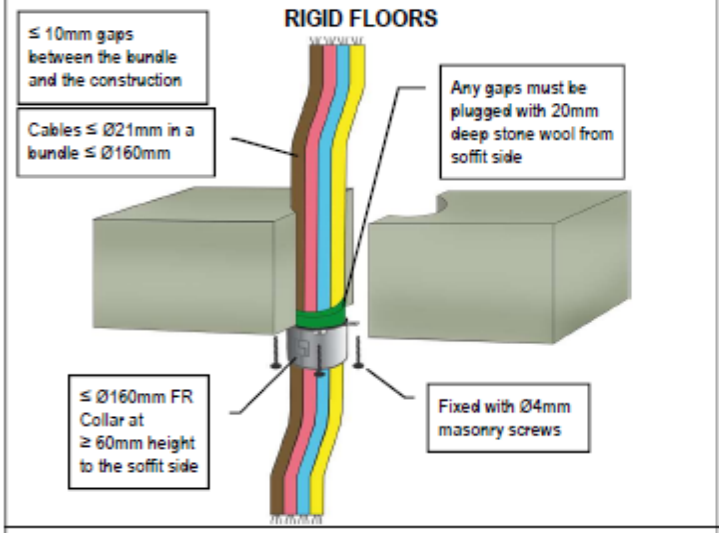
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 27 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

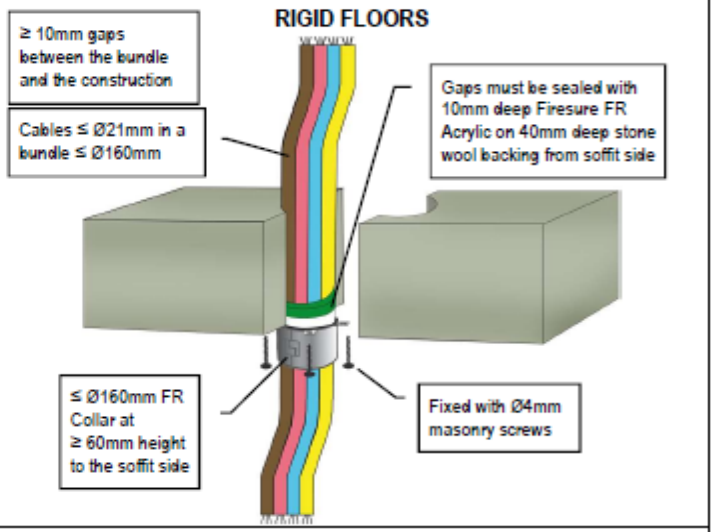
CABLE BUNDLE FIRE RESISTANCE EI 180 (E 180)

RIGID FLOORS



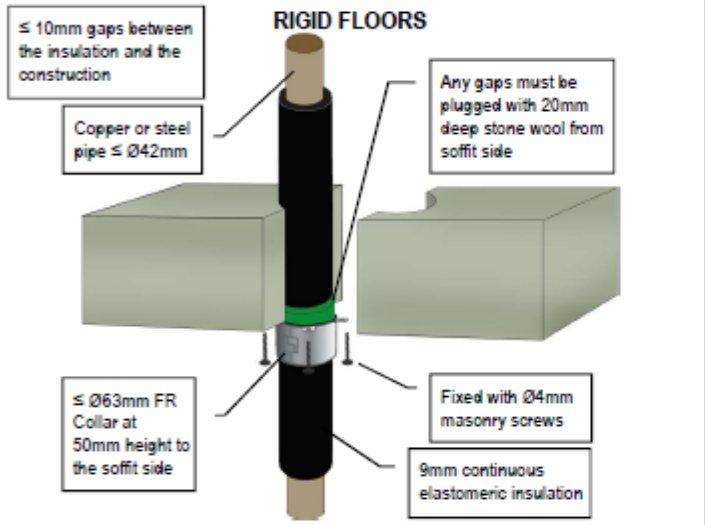
CABLE BUNDLE FIRE RESISTANCE EI 180 (E 180)

RIGID FLOORS



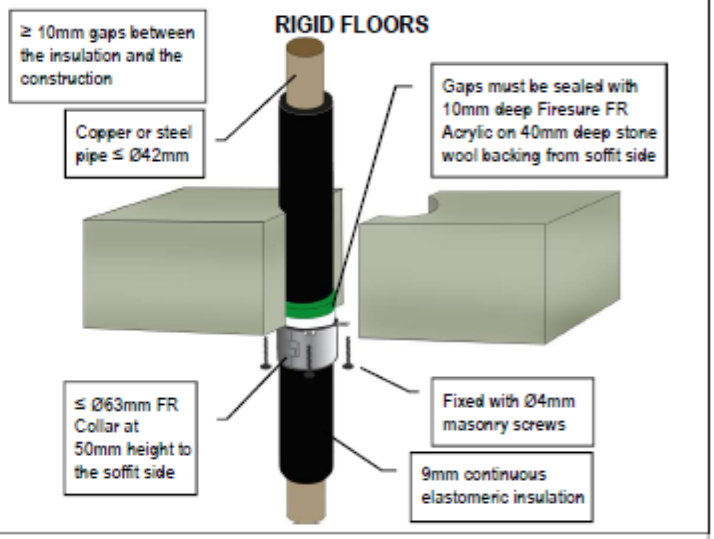
COPPER OR STEEL PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



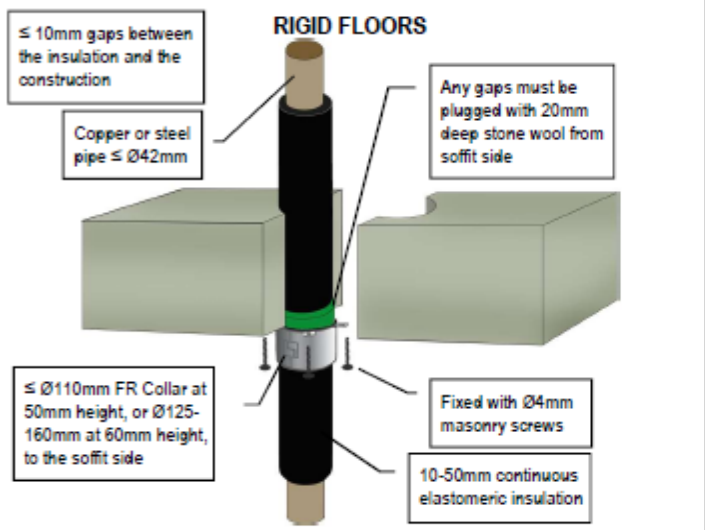
COPPER OR STEEL PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



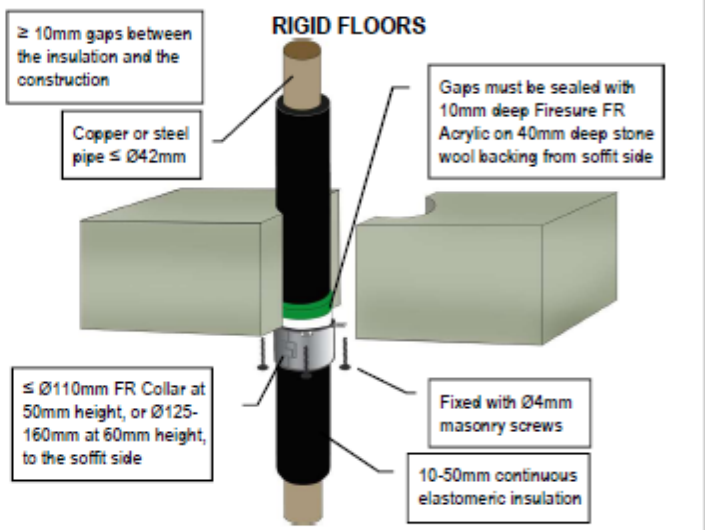
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 60)

RIGID FLOORS



COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 60)

RIGID FLOORS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

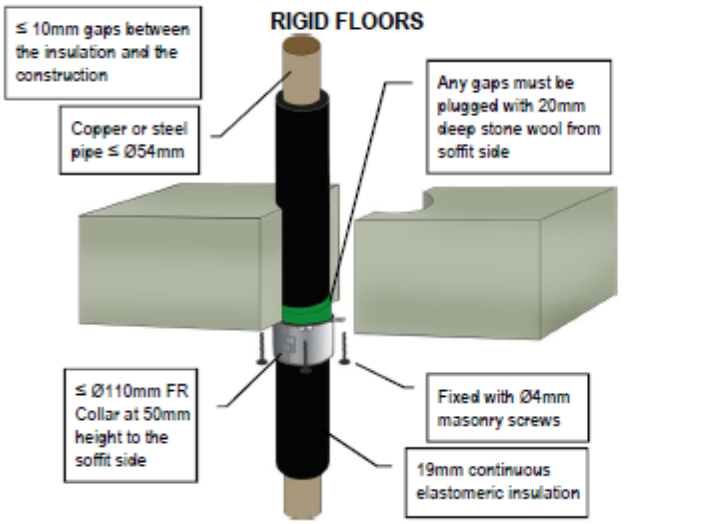
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 28 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

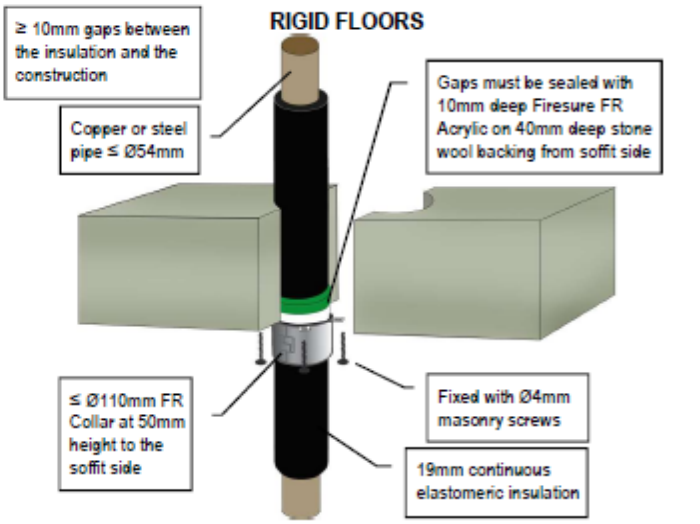
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 120)

RIGID FLOORS



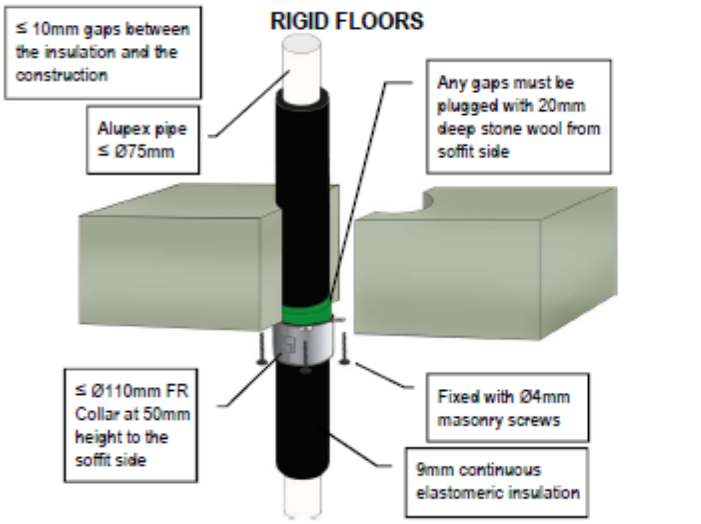
COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 120)

RIGID FLOORS



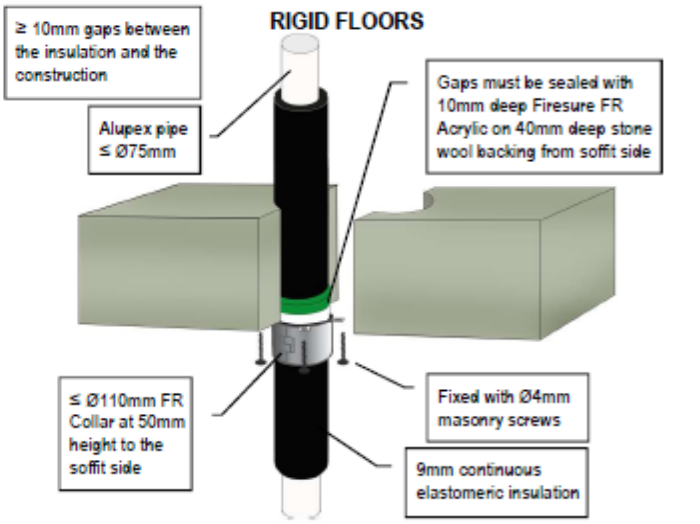
INSULATED ALUPEX PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



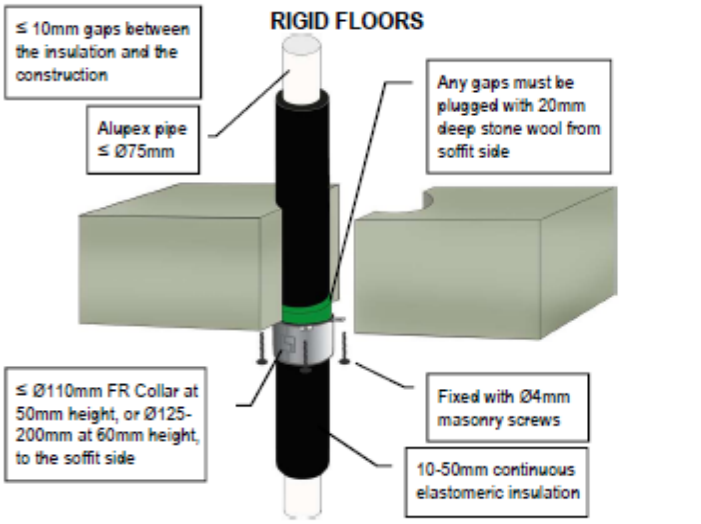
INSULATED ALUPEX PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



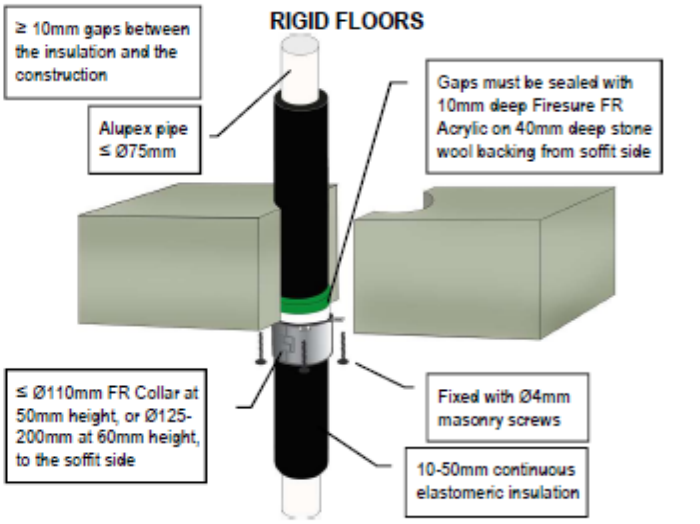
INSULATED ALUPEX PIPE FIRE RESISTANCE EI 90 C/C (E 120)

RIGID FLOORS



INSULATED ALUPEX PIPE FIRE RESISTANCE EI 90 C/C (E 120)

RIGID FLOORS



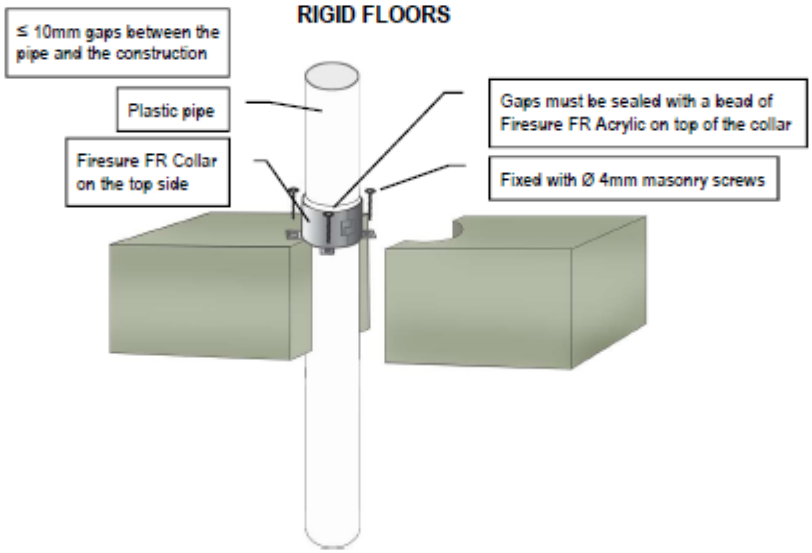
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 29 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR
INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 60 - 240



PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
40	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
50	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
55	2.0 – 4.0	50	EI 120 (E 120)	EI 120 (E 120)	-	-
63	2.1 – 4.4	50	EI 120 (E 120)	EI 120 (E 120)	-	-
75	2.4 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	-	-
82	2.5 – 5.3	50	EI 120 (E 120)	EI 120 (E 120)	-	-
90	2.7 – 5.7	50	EI 120 (E 120)	EI 120 (E 120)	-	-
110	3.2 – 6.6	50	EI 120 (E 120)	EI 120 (E 120)	-	-
125	4.1 – 4.9	60	EI 90 (E 180)	EI 90 (E 180)	-	-
125	5.0 – 7.5	60	EI 180 (E 240)	EI 180 (E 240)	-	-
140	5.0 – 6.8	60	EI 90 (E 180)	EI 90 (E 180)	-	-
140	6.9 – 8.3	60	EI 180 (E 240)	EI 180 (E 240)	-	-
160	6.2 – 9.4	60	EI 90 (E 180)	EI 90 (E 180)	-	-
160	9.5	60	EI 180 (E 240)	EI 180 (E 240)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

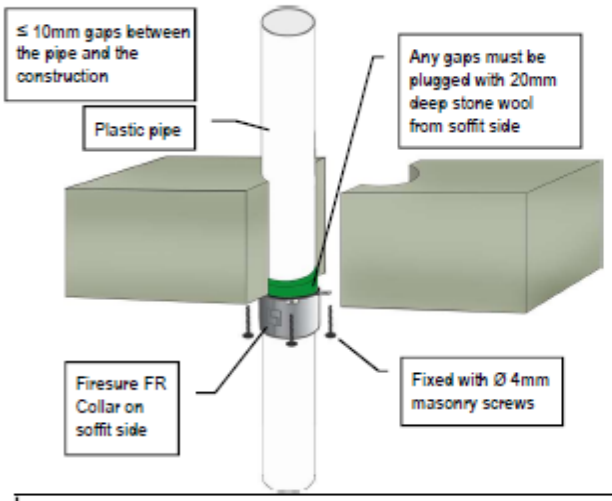
Installation Instructions to ETA 20/0355

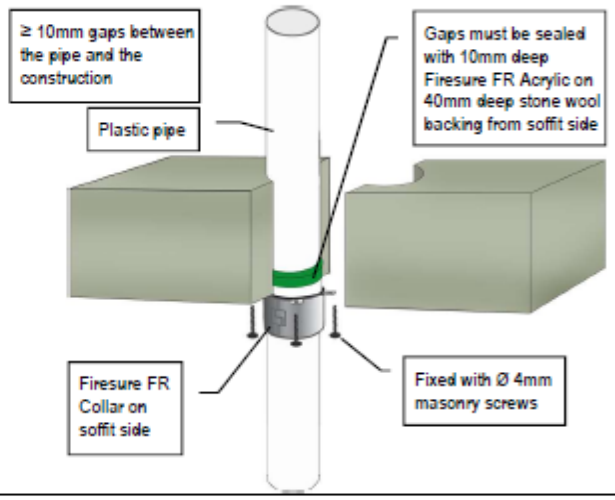
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 30 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 60 - 120

RIGID FLOORS





PVC Pipes (PVC-U & PVC-C)

Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.9 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
32	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
40	1.9 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
50	2.0 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
55	2.1 – 3.9	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	2.1 – 2.3	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	2.4 – 3.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	2.2 – 4.3	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
63	2.2 – 2.9	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
63	3.0 – 4.3	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	2.5 – 4.9	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
75	2.3 – 3.7	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
75	3.8 – 4.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	2.6 – 5.2	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
82	2.4 – 4.2	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
82	4.3 – 5.1	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	2.8 – 5.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
90	2.5 – 4.8	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
90	4.9 – 5.4	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	3.2 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
110	2.7 – 6.3	50	EI 120 (E 120)	EI 90 (E 120)	EI 60 (E 60)	-
125	2.9 – 7.6	50	EI 90 (E 120)	EI 90 (E 120)	-	-
125	3.2 – 5.5	60	EI 90 (E 120)	EI 90 (E 120)	EI 60 (E 60)	EI 60 (E 60)
125	5.6 – 7.3	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	3.0 – 8.4	50	EI 90 (E 120)	EI 90 (E 120)	-	-
140	3.2 – 4.9	60	EI 90 (E 120)	EI 90 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	5.0 – 8.2	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	3.2 – 9.5	50	EI 90 (E 180)	EI 90 (E 180)	-	-
160	3.2 – 3.9	60	EI 90 (E 180)	EI 90 (E 180)	EI 60 (E 60)	EI 60 (E 60)
160	4.0 – 9.5	60	EI 120 (E 180)	EI 120 (E 180)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 11.9	60	EI 60 (E 120)	-	-	-
250	6.1 – 11.9	75	EI 60 (E 60)	-	-	-
315	7.7 – 12.1	75	EI 60 (E 60)	-	-	-
400	15.3	100	EI 60 (E 60)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

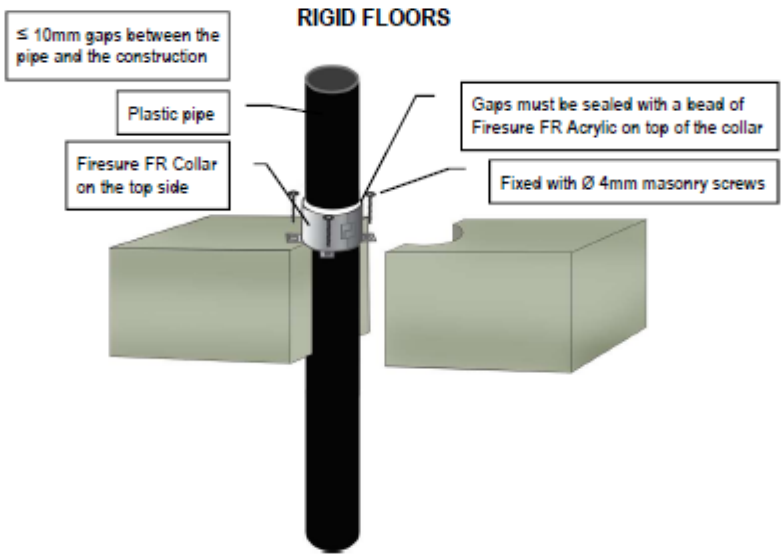
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 31 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60 - 240



PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
40	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
50	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
55	3.0 – 5.1	50	EI 60 (E 240)	EI 60 (E 240)	-	-
63	3.0 – 5.8	50	EI 60 (E 240)	EI 60 (E 240)	-	-
75	3.1 – 6.9	50	EI 60 (E 240)	EI 60 (E 240)	-	-
82	3.2 – 7.5	50	EI 60 (E 240)	EI 60 (E 240)	-	-
90	3.2 – 8.2	50	EI 60 (E 240)	EI 60 (E 240)	-	-
110	3.4 – 10.0	50	EI 60 (E 240)	EI 60 (E 240)	-	-
125	3.9 – 9.8	60	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.3 – 9.7	60	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 9.5	60	EI 60 (E 60)	EI 60 (E 60)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

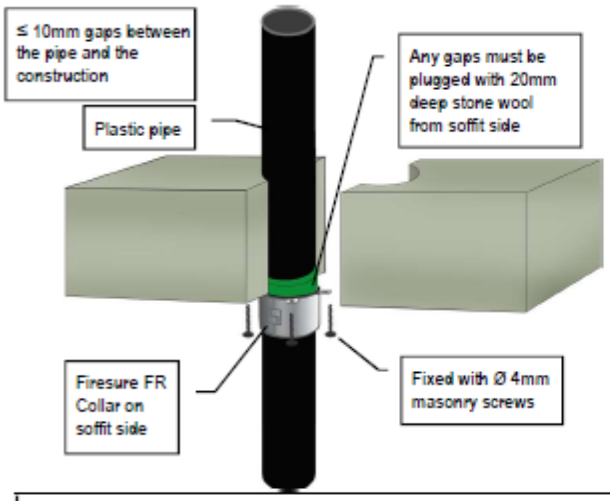
Installation Instructions to ETA 20/0355

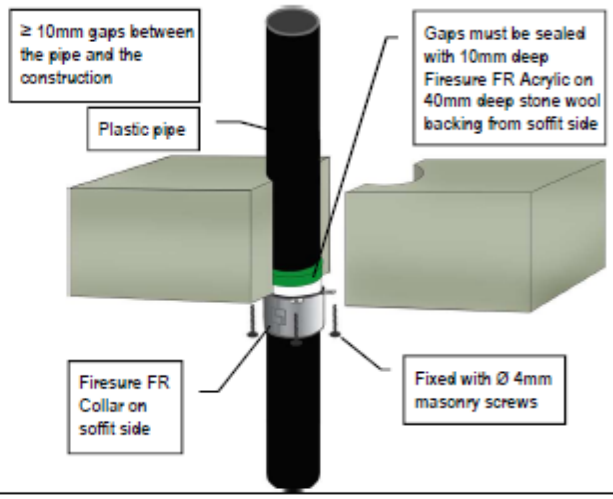
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 32 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60 - 240

RIGID FLOORS





PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)

Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
32	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 60)	EI 60 (E 60)
32	3.0	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
40	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
40	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 60)	EI 60 (E 60)
40	3.0	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
50	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
50	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	EI 60 (E 60)	EI 60 (E 60)
50	3.0	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
55	3.0 – 5.2	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	3.1 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	3.0 – 5.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	3.1 – 5.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	3.1 – 6.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	3.2 – 6.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	3.1 – 7.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.3 – 7.5	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	3.2 – 8.3	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.3 – 8.2	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	3.4 – 9.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	10.0	30	EI 180 (E 180)	EI 180 (E 180)	-	-
110	3.4 – 10.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
125	3.9 – 11.3	50	EI 120 (E 120)	EI 120 (E 120)	-	-
125	3.9 – 11.3	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	4.3 – 12.7	50	EI 120 (E 120)	EI 120 (E 120)	-	-
140	4.3 – 12.7	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	4.9 – 14.7	50	EI 120 (E 180)	EI 120 (E 180)	-	-
160	4.9 – 14.6	60	EI 120 (E 180)	EI 120 (E 180)	EI 60 (E 60)	EI 60 (E 60)
200	6.2 – 18.2	60	EI 120 (E 240)	-	-	-
250	11.5 – 18.4	75	EI 240 (E 240)	-	-	-
315	18.7	75	EI 240 (E 240)	-	-	-
400	36.3	100	EI 90 (E 90)	-	-	-

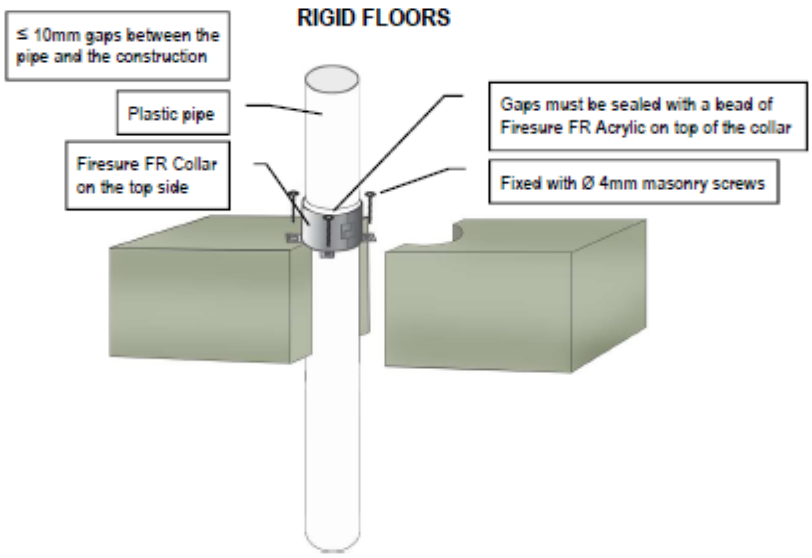
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 33 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 60 - 180



PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
40	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
50	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
55	3.5 – 5.1	50	EI 90 (E 180)	EI 90 (E 180)	-	-
63	4.4 – 5.8	50	EI 90 (E 180)	EI 90 (E 180)	-	-
75	5.8 – 6.9	50	EI 90 (E 180)	EI 90 (E 180)	-	-
82	6.6 – 7.5	50	EI 90 (E 180)	EI 90 (E 180)	-	-
90	7.5 – 8.2	50	EI 90 (E 180)	EI 90 (E 180)	-	-
110	10.0	50	EI 90 (E 180)	EI 90 (E 180)	-	-
125	11.3	60	EI 60 (E 240)	EI 60 (E 240)	-	-
140	12.7	60	EI 60 (E 240)	EI 60 (E 240)	-	-
160	14.6	60	EI 60 (E 240)	EI 60 (E 240)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

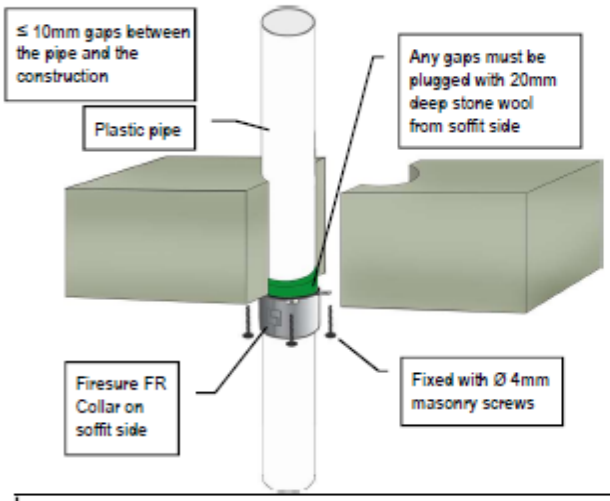
Installation Instructions to ETA 20/0355

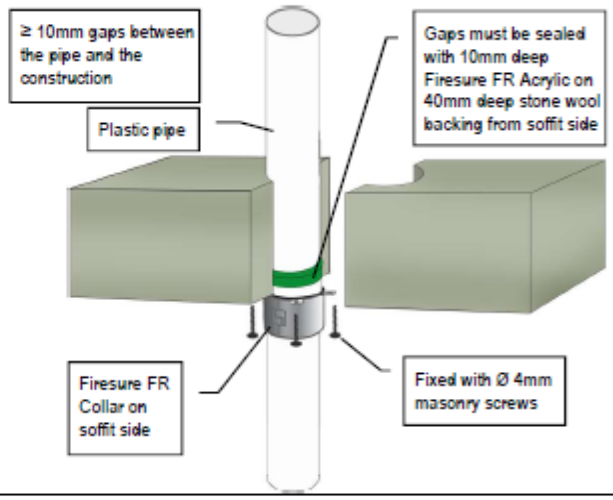
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 34 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 30 - 240

RIGID FLOORS





PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)

Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
40	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
50	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
50	2.9	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
55	2.0 – 4.8	30	EI 120 (E 120)	EI 120 (E 120)	-	-
55	1.9 – 4.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
55	4.9 – 5.1	50	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.3 – 5.4	30	EI 120 (E 120)	EI 120 (E 120)	-	-
63	2.0 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	5.5 – 5.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.8 – 5.5	30	EI 120 (E 120)	EI 120 (E 120)	-	-
75	2.2 – 5.4	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	5.6 – 6.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.1 – 5.6	30	EI 120 (E 120)	EI 120 (E 120)	-	-
82	2.3 – 5.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	5.7 – 7.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.4 – 5.9	30	EI 120 (E 120)	EI 120 (E 120)	-	-
90	2.4 – 5.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	6.0 – 8.2	50	EI 60 (E 60)	EI 60 (E 60)	-	-
110	4.2 – 6.6	30	EI 180 (E 180)	EI 180 (E 180)	-	-
110	2.7 – 6.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	6.7 – 10.1	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	4.7 – 11.4	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.4 – 3.5	60	EI 120 (E 120)	EI 120 (E 120)	-	-
125	3.6 – 8.9	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	6.8 – 12.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.1 – 4.6	60	EI 120 (E 120)	EI 120 (E 120)	-	-
140	4.7 – 11.2	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	9.5 – 14.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 6.1	60	EI 180 (E 180)	EI 180 (E 180)	-	-
160	6.2	60	EI 180 (E 180)	EI 180 (E 180)	EI 90 (E 90)	EI 90 (E 90)
160	6.3 – 14.6	60	EI 180 (E 180)	EI 180 (E 180)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 18.2	60	EI 120 (E 120)	-	-	-
250	15.1 – 22.7	75	EI 60 (E 60)	-	-	-
315	28.6	75	EI 60 (E 60)	-	-	-
400	9.8 – 22.7	100	EI 30 (E 30)	-	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

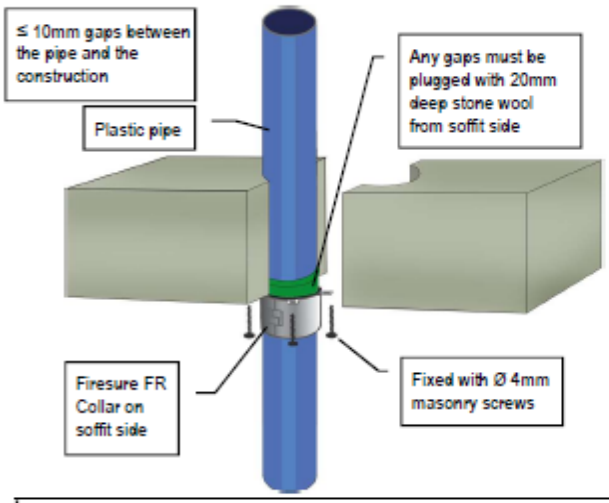
Installation Instructions to ETA 20/0355

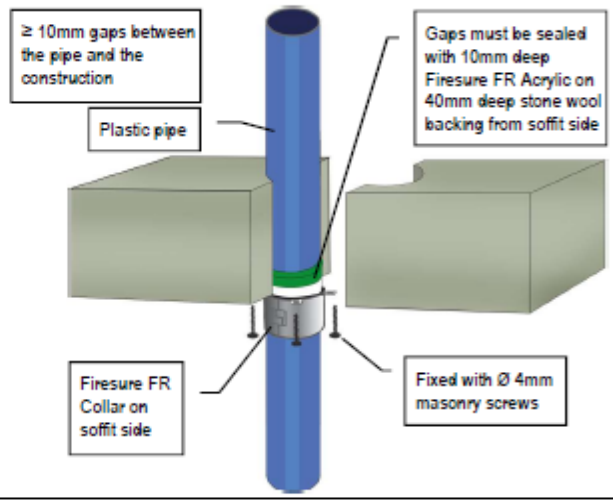
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 35 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

COMPOSITE PLASTIC PIPES FIRE RESISTANCE EI 60 - 240

RIGID FLOORS





Composite Plastic Pipes

Pipe & Collar Descriptions			Fire Classifications			
Pipe	Pipe Diameter [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
Aquatherm Green SDR9	32	30	EI 240 (E 240)	-	-	-
	40 – 50	50	EI 240 (E 240)	-	-	-
	63 – 110	50	EI 120 (E 120)	-	-	-
BluePower	32 – 50	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
	75 – 110	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	-
	125	60	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	-
	160	60	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	-
Geberit Silent-PP	32 – 50	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
	75 – 110	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	-
Polo-Kal NG pipes	32 – 50	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
	75 – 110	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	-
	125	60	EI 240 (E 240)	EI 240 (E 240)	-	-
	160	60	EI 240 (E 240)	EI 240 (E 240)	(E 240)	-
Rehau Raupiano Plus	40 – 50	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	125	60	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	-
	160	60	EI 240 (E 240)	EI 240 (E 240)	(E 240)	-
Uponor Decibel	50	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
Wavin SiTech	32 – 50	50	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)	EI 240 (E 240)
	75 – 110	50	EI 180 (E 180)	EI 180 (E 180)	EI 180 (E 180)	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

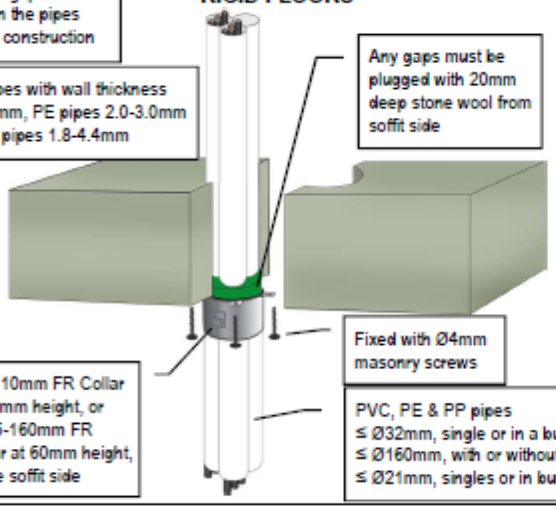
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 36 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

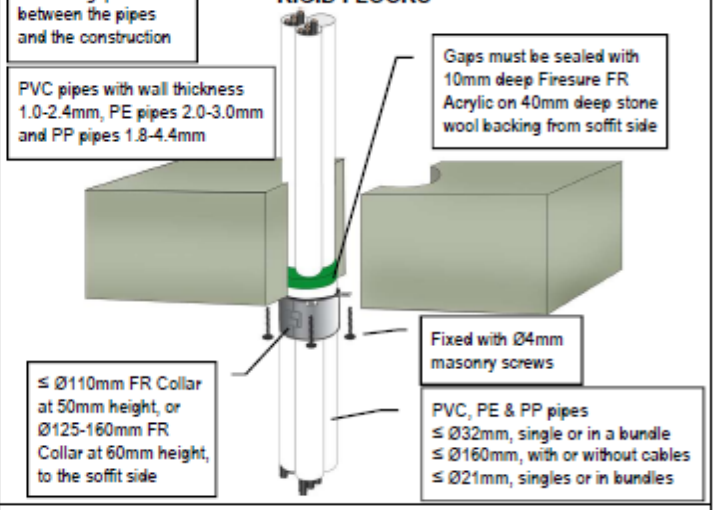
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 C/U (E 90)

RIGID FLOORS



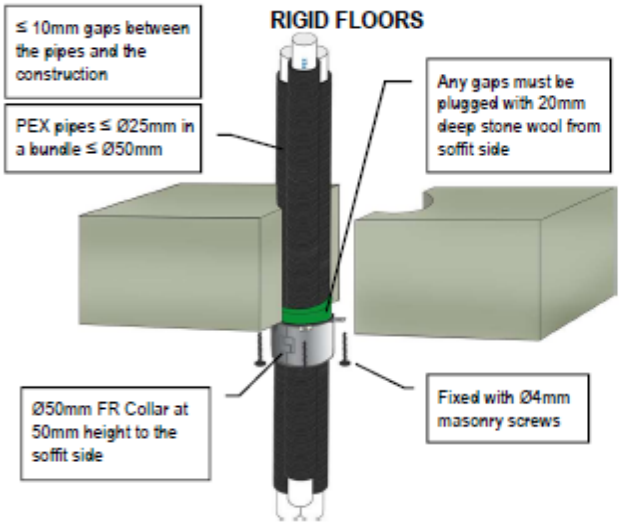
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 C/U (E 90)

RIGID FLOORS



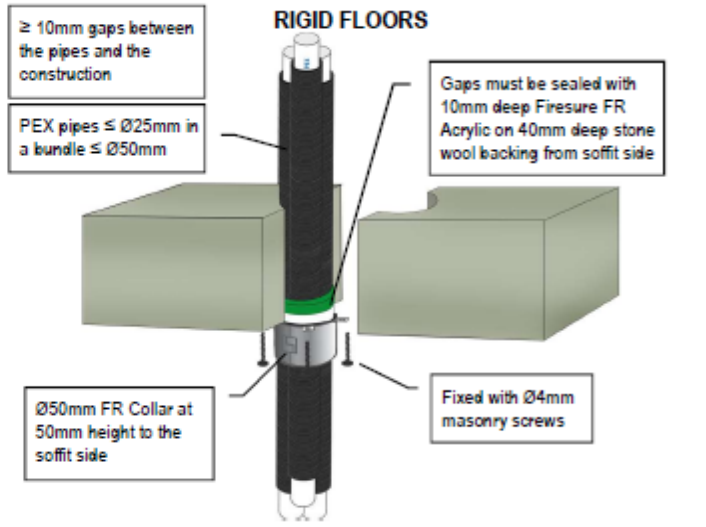
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 90)

RIGID FLOORS



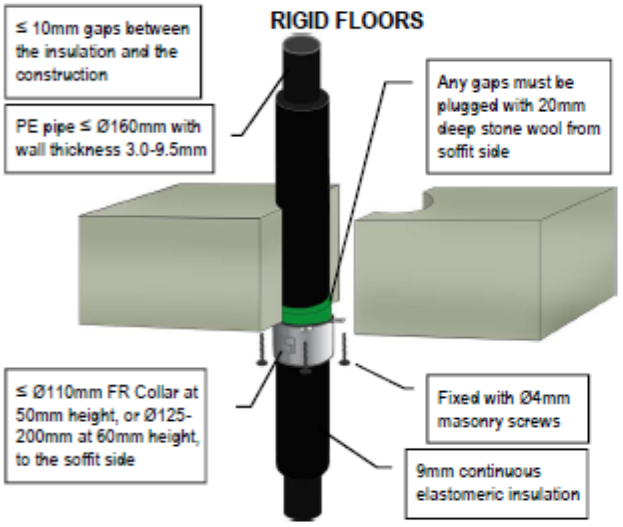
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 90)

RIGID FLOORS



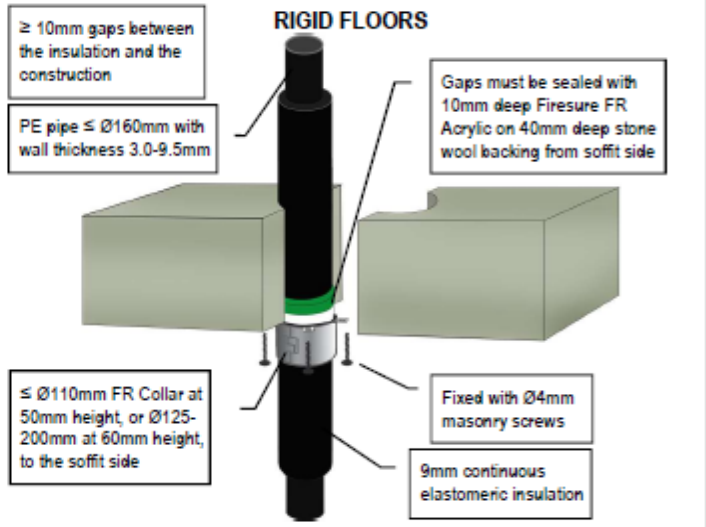
INSULATED PE PIPE FIRE RESISTANCE EI 180 C/C (E 180)

RIGID FLOORS



INSULATED PE PIPE FIRE RESISTANCE EI 180 C/C (E 180)

RIGID FLOORS



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

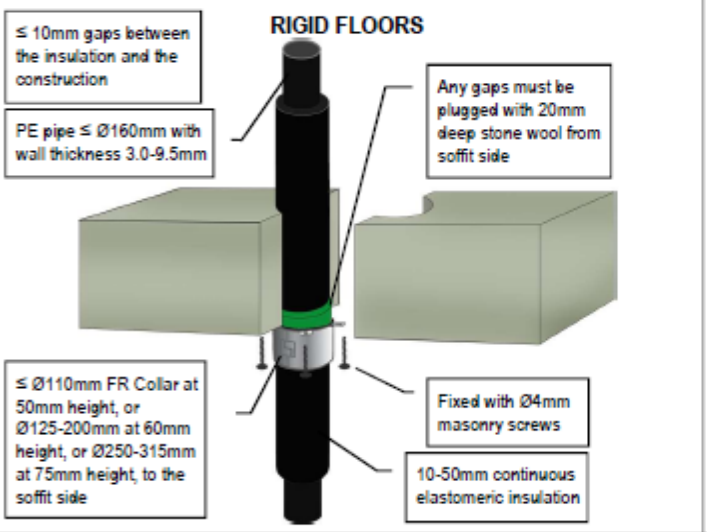
www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 37 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

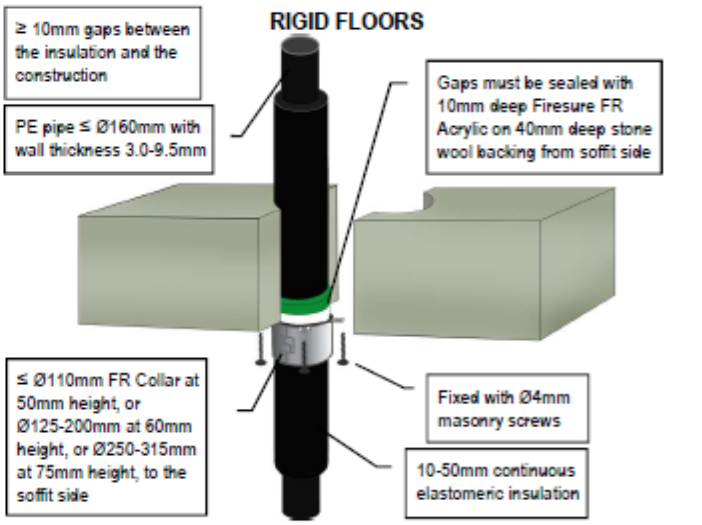
INSULATED PE PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



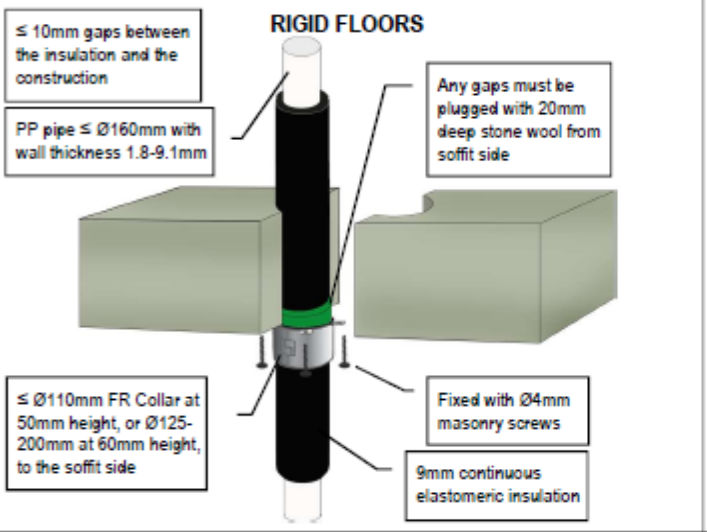
INSULATED PE PIPE FIRE RESISTANCE EI 120 C/C (E 120)

RIGID FLOORS



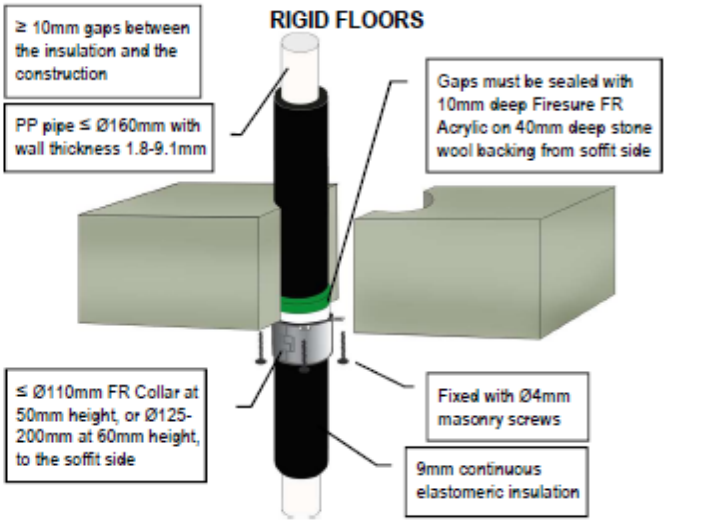
INSULATED PP PIPE FIRE RESISTANCE EI 120 C/C (E 180)

RIGID FLOORS



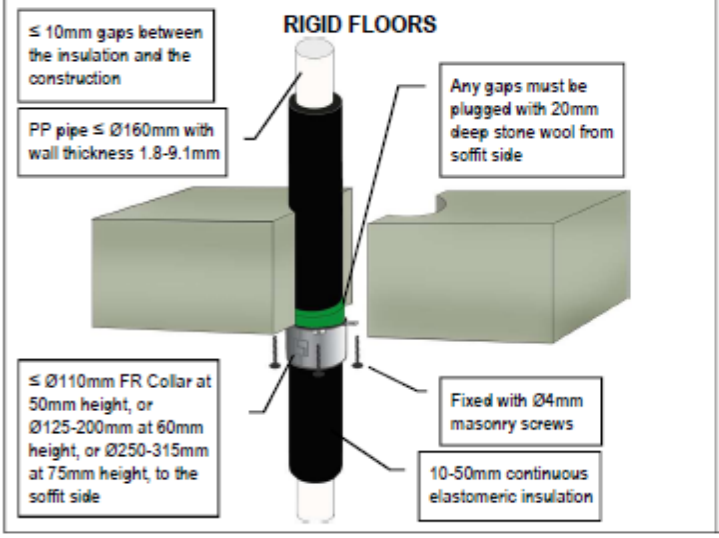
INSULATED PP PIPE FIRE RESISTANCE EI 120 C/C (E 180)

RIGID FLOORS



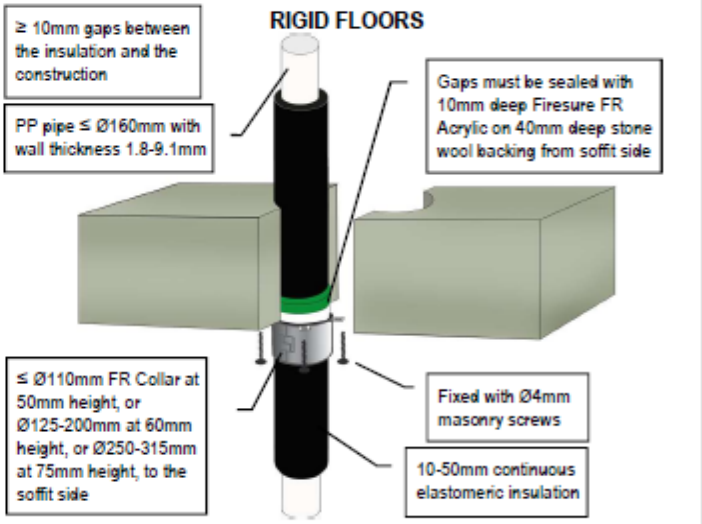
INSULATED PP PIPE FIRE RESISTANCE EI 60 C/C (E 60)

RIGID FLOORS



INSULATED PP PIPE FIRE RESISTANCE EI 60 C/C (E 60)

RIGID FLOORS



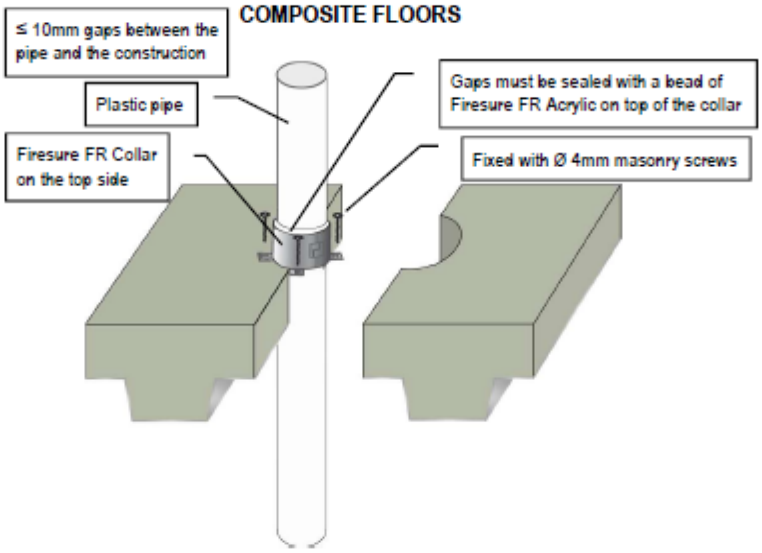
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 38 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC & PE PLASTIC PIPES FIRE RESISTANCE EI 60 - 240



PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
40	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
50	1.9 – 3.7	50	EI 240 (E 240)	EI 240 (E 240)	-	-
55	2.0 – 4.0	50	EI 120 (E 120)	EI 120 (E 120)	-	-
63	2.1 – 4.4	50	EI 120 (E 120)	EI 120 (E 120)	-	-
75	2.4 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	-	-
82	2.5 – 5.3	50	EI 120 (E 120)	EI 120 (E 120)	-	-
90	2.7 – 5.7	50	EI 120 (E 120)	EI 120 (E 120)	-	-
110	3.2 – 6.6	50	EI 120 (E 120)	EI 120 (E 120)	-	-
125	4.1 – 4.9	60	EI 90 (E 180)	EI 90 (E 180)	-	-
125	5.0 – 7.5	60	EI 180 (E 240)	EI 180 (E 240)	-	-
140	5.0 – 6.8	60	EI 90 (E 180)	EI 90 (E 180)	-	-
140	6.9 – 8.3	60	EI 180 (E 240)	EI 180 (E 240)	-	-
160	6.2 – 9.4	60	EI 90 (E 180)	EI 90 (E 180)	-	-
160	9.5	60	EI 180 (E 240)	EI 180 (E 240)	-	-

PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
40	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
50	3.0 – 4.6	50	EI 240 (E 240)	EI 240 (E 240)	-	-
55	3.0 – 5.1	50	EI 60 (E 240)	EI 60 (E 240)	-	-
63	3.0 – 5.8	50	EI 60 (E 240)	EI 60 (E 240)	-	-
75	3.1 – 6.9	50	EI 60 (E 240)	EI 60 (E 240)	-	-
82	3.2 – 7.5	50	EI 60 (E 240)	EI 60 (E 240)	-	-
90	3.2 – 8.2	50	EI 60 (E 240)	EI 60 (E 240)	-	-
110	3.4 – 10.0	50	EI 60 (E 240)	EI 60 (E 240)	-	-
125	3.9 – 9.8	60	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.3 – 9.7	60	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 9.5	60	EI 60 (E 60)	EI 60 (E 60)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

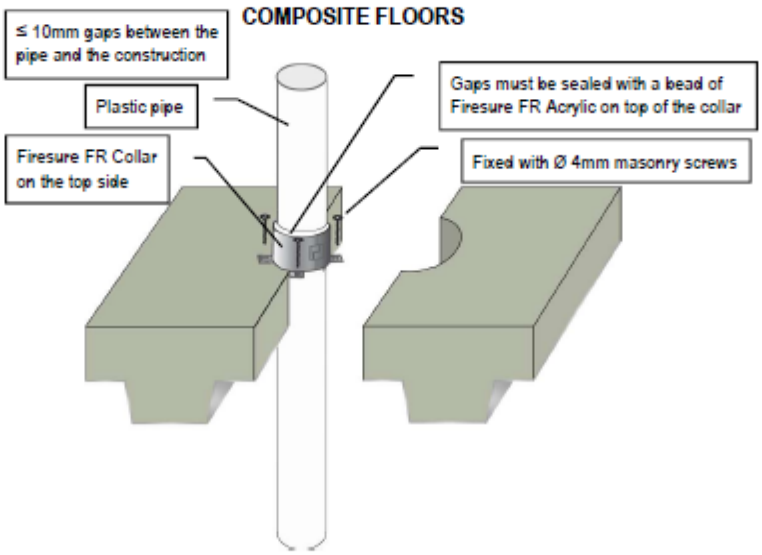
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 39 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 60 - 180



PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
40	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
50	2.9 – 4.6	50	EI 180 (E 240)	EI 180 (E 240)	-	-
55	3.5 – 5.1	50	EI 90 (E 180)	EI 90 (E 180)	-	-
63	4.4 – 5.8	50	EI 90 (E 180)	EI 90 (E 180)	-	-
75	5.8 – 6.9	50	EI 90 (E 180)	EI 90 (E 180)	-	-
82	6.6 – 7.5	50	EI 90 (E 180)	EI 90 (E 180)	-	-
90	7.5 – 8.2	50	EI 90 (E 180)	EI 90 (E 180)	-	-
110	10.0	50	EI 90 (E 180)	EI 90 (E 180)	-	-
125	11.3	60	EI 60 (E 240)	EI 60 (E 240)	-	-
140	12.7	60	EI 60 (E 240)	EI 60 (E 240)	-	-
160	14.6	60	EI 60 (E 240)	EI 60 (E 240)	-	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

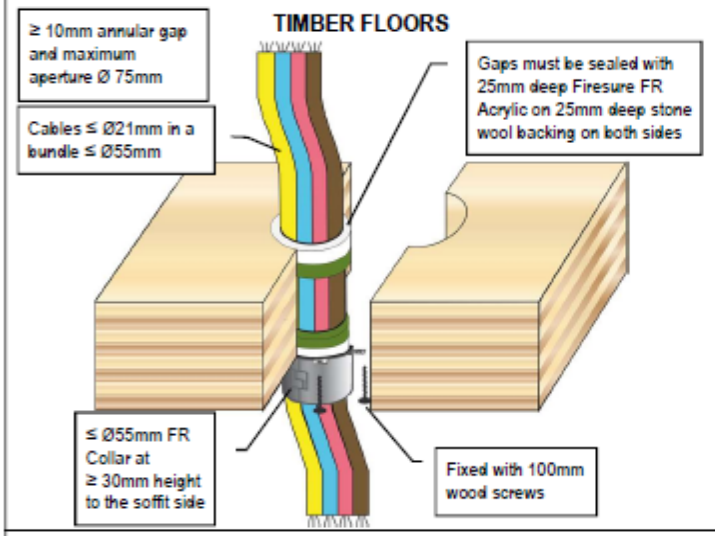
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 40 (47) 2021 1 1

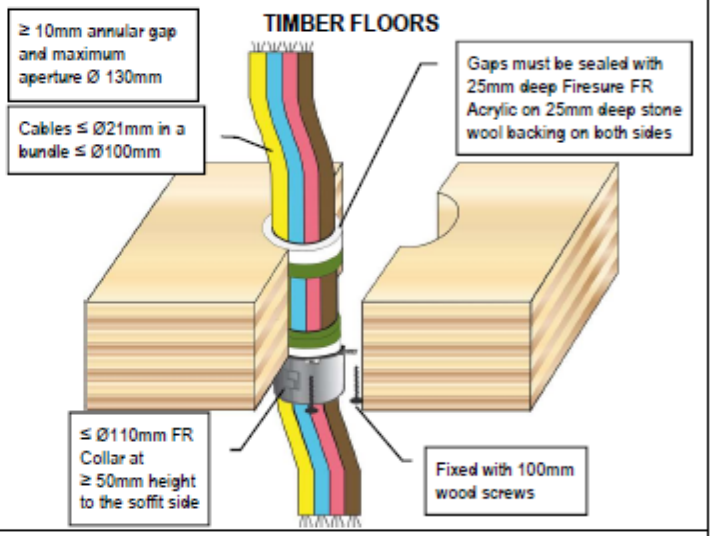
FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

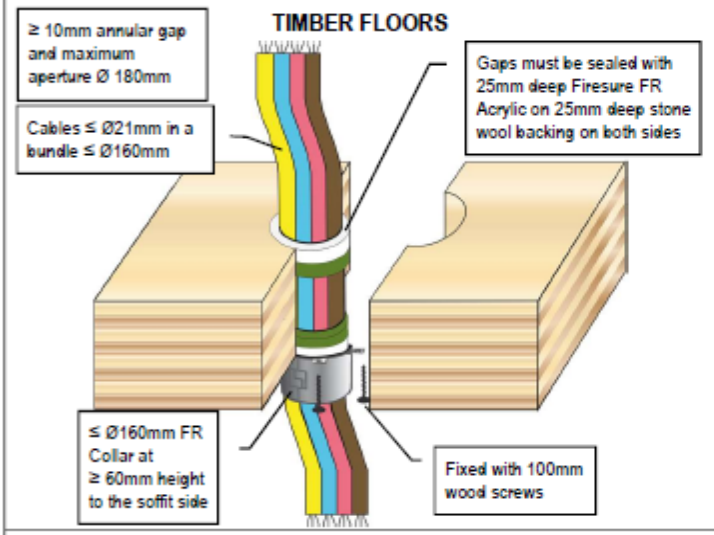
CABLE BUNDLE FIRE RESISTANCE EI 120 (E 120)



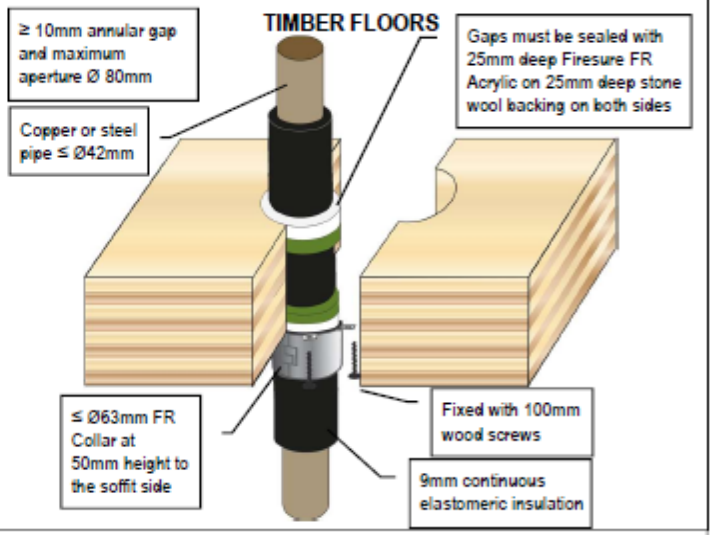
CABLE BUNDLE FIRE RESISTANCE EI 90 (E 90)



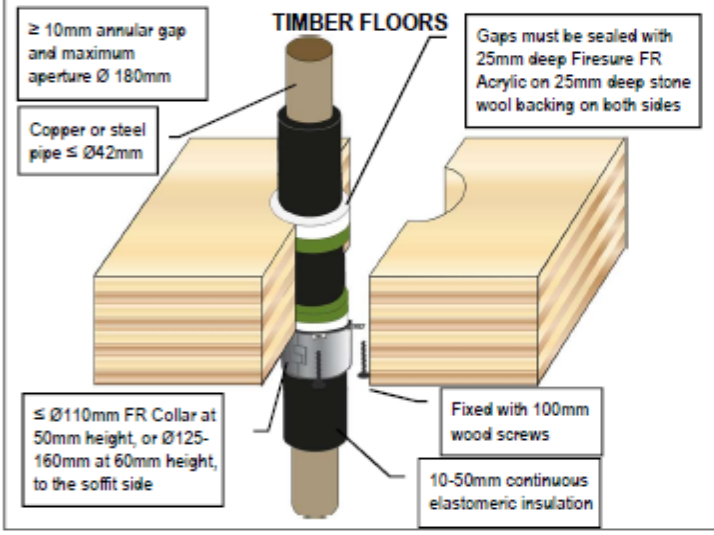
CABLE BUNDLE FIRE RESISTANCE EI 120 (E 120)



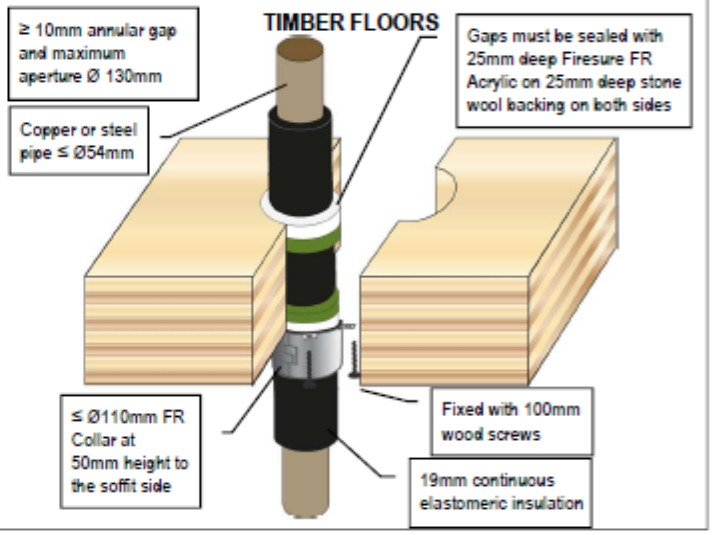
COPPER OR STEEL PIPE FIRE RESISTANCE 120 C/C (E 120)



COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 60)



COPPER OR STEEL PIPE FIRE RESISTANCE EI 60 C/C (E 120)



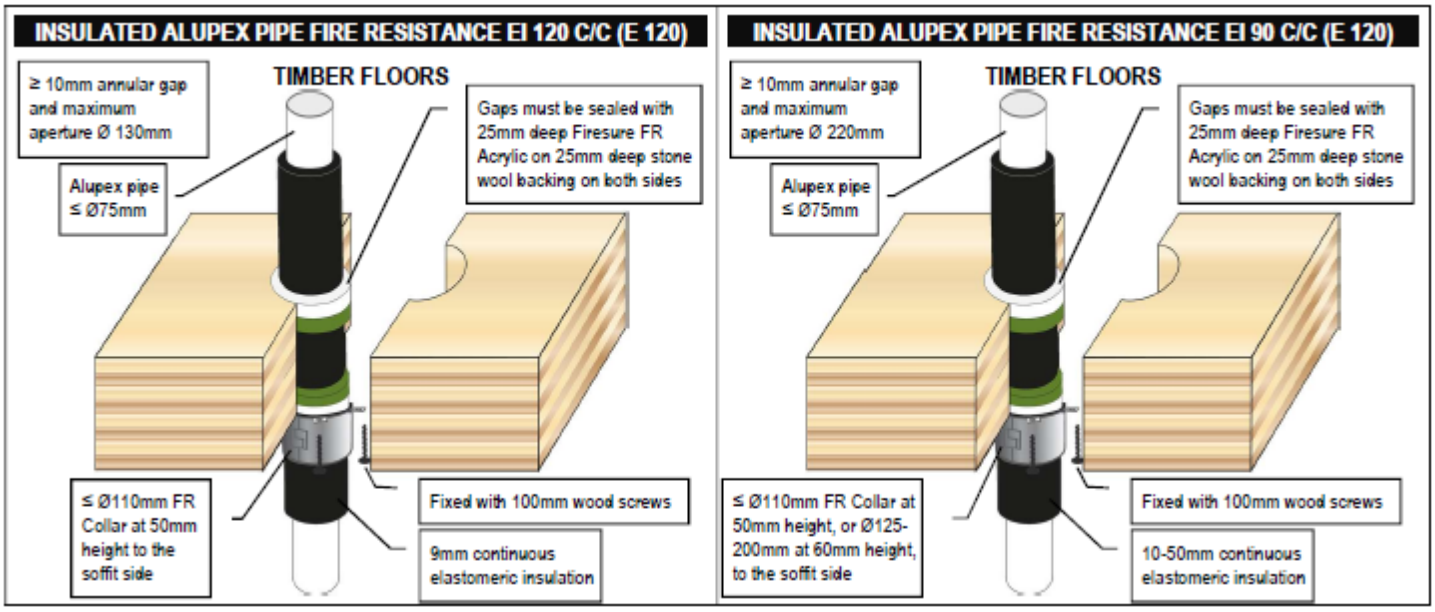
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 41 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS



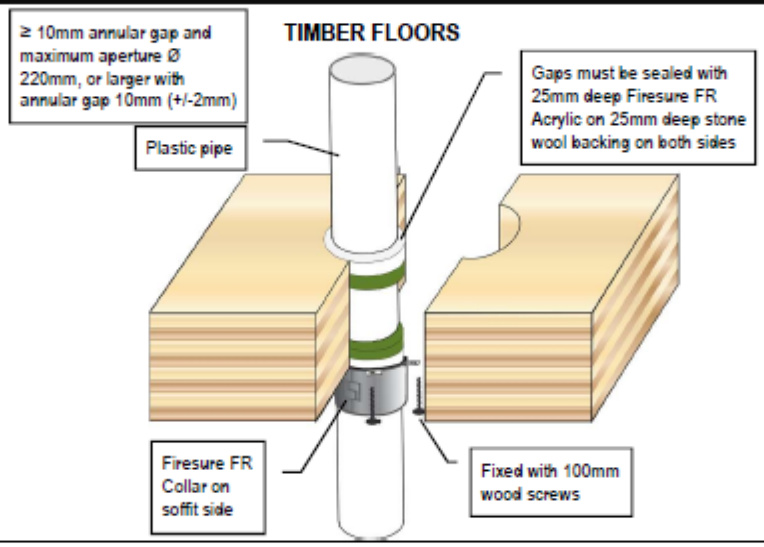
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 42 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PVC PLASTIC PIPES FIRE RESISTANCE EI 60 - 120



PVC Pipes (PVC-U & PVC-C)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.9 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
32	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
40	1.9 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
40	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
50	2.0 – 3.7	30	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)	EI 60 (E 90)
50	2.0 – 3.7	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 90)	EI 60 (E 90)
55	2.1 – 3.9	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	2.1 – 2.3	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	2.4 – 3.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	2.2 – 4.3	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
63	2.2 – 2.9	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
63	3.0 – 4.3	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	2.5 – 4.9	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
75	2.3 – 3.7	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
75	3.8 – 4.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	2.6 – 5.2	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
82	2.4 – 4.2	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
82	4.3 – 5.1	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	2.8 – 5.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
90	2.5 – 4.8	50	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)	-
90	4.9 – 5.4	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	3.2 – 6.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
110	2.7 – 6.3	50	EI 120 (E 120)	EI 90 (E 120)	EI 60 (E 60)	-
125	2.9 – 7.6	50	EI 90 (E 120)	EI 90 (E 120)	-	-
125	3.2 – 5.5	60	EI 90 (E 120)	EI 90 (E 120)	EI 60 (E 60)	EI 60 (E 60)
125	5.6 – 7.3	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	3.0 – 8.4	50	EI 90 (E 120)	EI 90 (E 120)	-	-
140	3.2 – 4.9	60	EI 90 (E 120)	EI 90 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	5.0 – 8.2	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	3.2 – 9.5	50	EI 90 (E 120)	EI 90 (E 120)	-	-
160	3.2 – 3.9	60	EI 90 (E 120)	EI 90 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	4.0 – 9.5	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 11.9	60	EI 60 (E 120)	-	-	-
250	6.1 – 11.9	75	EI 60 (E 60)	-	-	-
315	7.7 – 12.1	75	EI 60 (E 60)	-	-	-
400	15.3	100	EI 60 (E 60)	-	-	-

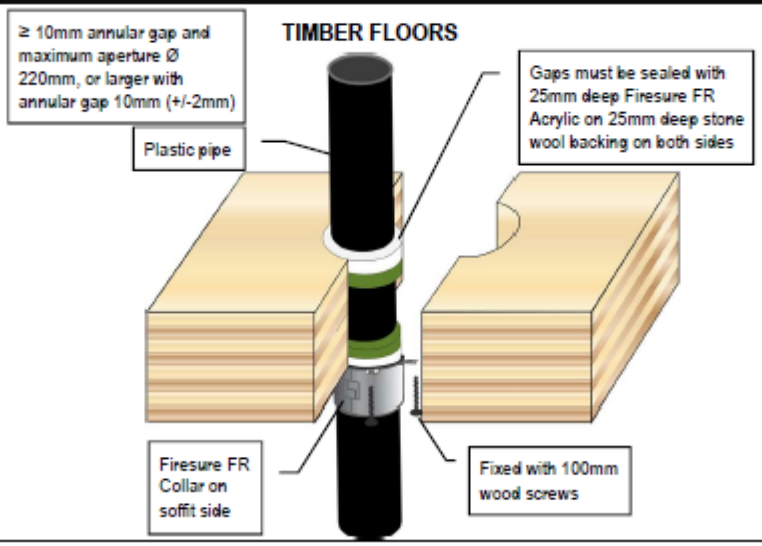
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 43 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PE PLASTIC PIPES FIRE RESISTANCE EI 60 - 120



PE, ABS & SAN+PVC Pipes (incl. PE-LD, PE-MD, PE-HD, PE-X and similar to EN 1519-1, EN 12201-2 or EN 12666-1)

Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
32	3.0 – 4.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
32	3.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
40	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
40	3.0 – 4.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
40	3.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
50	3.0 – 4.6	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
50	3.0 – 4.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
50	3.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
55	3.0 – 5.2	30	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)	EI 60 (E 60)
55	3.1 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	3.0 – 5.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
63	3.1 – 5.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	3.1 – 6.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
75	3.2 – 6.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	3.1 – 7.6	30	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.3 – 7.5	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	3.2 – 8.3	30	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.3 – 8.2	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	3.4 – 9.9	30	EI 60 (E 60)	EI 60 (E 60)	-	-
110	10.0	30	EI 120 (E 120)	EI 120 (E 120)	-	-
110	3.4 – 10.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
125	3.9 – 11.3	50	EI 120 (E 120)	EI 120 (E 120)	-	-
125	3.9 – 11.3	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	4.3 – 12.7	50	EI 120 (E 120)	EI 120 (E 120)	-	-
140	4.3 – 12.7	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	4.9 – 14.7	50	EI 120 (E 120)	EI 120 (E 120)	-	-
160	4.9 – 14.6	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
200	6.2 – 18.2	60	EI 120 (E 120)	-	-	-
250	11.5 – 18.4	75	EI 120 (E 120)	-	-	-
315	18.7	75	EI 120 (E 120)	-	-	-
400	36.3	100	EI 90 (E 90)	-	-	-

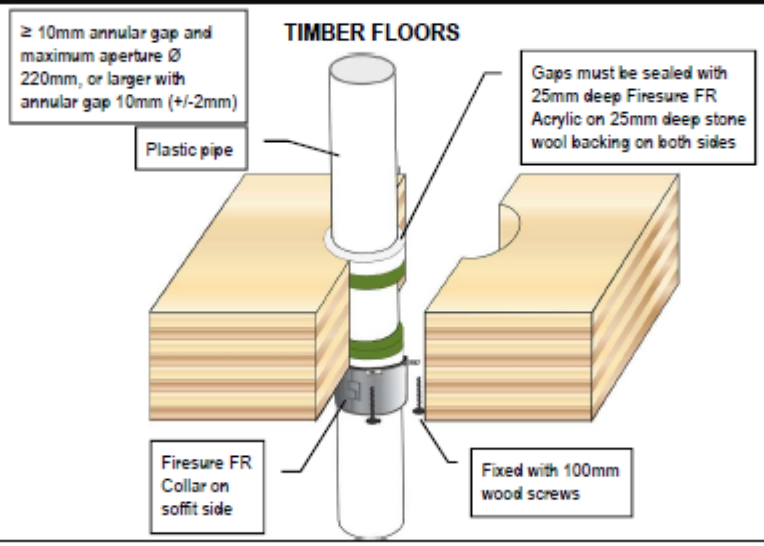
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 44 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

PP PLASTIC PIPES FIRE RESISTANCE EI 30 - 120



PP Pipes (incl. PP-MV, PP-H, PP-R and similar to EN 1451-1 or DIN 8077/8078)						
Pipe & Collar Descriptions			Fire Classifications			
Pipe Diameter [mm]	Pipe Wall Thickness [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
32	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
40	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
50	1.8 – 4.6	30	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
55	2.0 – 4.8	30	EI 120 (E 120)	EI 120 (E 120)	-	-
55	1.9 – 4.8	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
55	4.9 – 5.1	50	EI 60 (E 60)	EI 60 (E 60)	-	-
63	2.3 – 5.4	30	EI 120 (E 120)	EI 120 (E 120)	-	-
63	2.0 – 5.0	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
63	5.5 – 5.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
75	2.8 – 5.5	30	EI 120 (E 120)	EI 120 (E 120)	-	-
75	2.2 – 5.4	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
75	5.6 – 6.9	50	EI 60 (E 60)	EI 60 (E 60)	-	-
82	3.1 – 5.6	30	EI 120 (E 120)	EI 120 (E 120)	-	-
82	2.3 – 5.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
82	5.7 – 7.5	50	EI 60 (E 60)	EI 60 (E 60)	-	-
90	3.4 – 5.9	30	EI 120 (E 120)	EI 120 (E 120)	-	-
90	2.4 – 5.9	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
90	6.0 – 8.2	50	EI 60 (E 60)	EI 60 (E 60)	-	-
110	4.2 – 6.6	30	EI 120 (E 120)	EI 120 (E 120)	-	-
110	2.7 – 6.6	50	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
110	6.7 – 10.1	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	4.7 – 11.4	50	EI 60 (E 60)	EI 60 (E 60)	-	-
125	3.4 – 3.5	60	EI 120 (E 120)	EI 120 (E 120)	-	-
125	3.6 – 8.9	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
140	6.8 – 12.8	50	EI 60 (E 60)	EI 60 (E 60)	-	-
140	4.1 – 4.6	60	EI 120 (E 120)	EI 120 (E 120)	-	-
140	4.7 – 11.2	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
160	9.5 – 14.6	50	EI 60 (E 60)	EI 60 (E 60)	-	-
160	4.9 – 6.1	60	EI 120 (E 120)	EI 120 (E 120)	-	-
160	6.2	60	EI 120 (E 120)	EI 120 (E 120)	EI 90 (E 90)	EI 90 (E 90)
160	6.3 – 14.6	60	EI 120 (E 120)	EI 120 (E 120)	EI 60 (E 60)	EI 60 (E 60)
200	4.9 – 18.2	60	EI 120 (E 120)	-	-	-
250	15.1 – 22.7	75	EI 60 (E 60)	-	-	-
315	28.6	75	EI 60 (E 60)	-	-	-
400	9.8 – 22.7	100	EI 30 (E 30)	-	-	-

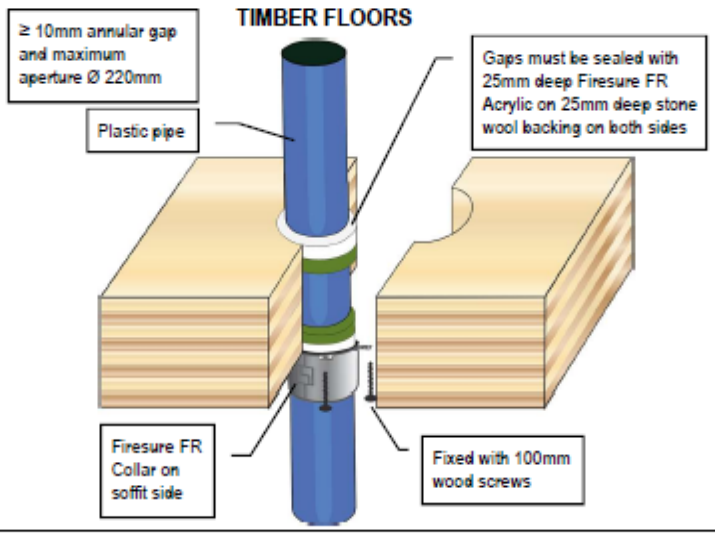
As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 45 (47) 2021 1 1

FIRESURE® IPCPR – PIPE COLLAR INSTALLATION INSTRUCTIONS

COMPOSITE PLASTIC PIPES FIRE RESISTANCE EI 60 - 120



Composite Plastic Pipes						
Pipe & Collar Descriptions			Fire Classifications			
Pipe	Pipe Diameter [mm]	Minimum Collar Height [mm]	C/C	U/C	C/U	U/U
Aquatherm Green SDR9	32	30	EI 120 (E 120)	-	-	-
	40 – 50	50	EI 120 (E 120)	-	-	-
	63 – 110	50	EI 120 (E 120)	-	-	-
BluePower	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	125	60	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	160	60	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
Geberit Silent-PP	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
Polo-Kal NG pipes	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	125	60	EI 120 (E 120)	EI 120 (E 120)	-	-
	160	60	EI 120 (E 120)	EI 120 (E 120)	(E 120)	-
Rehau Raupiano Plus	40 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	125	60	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
	160	60	EI 120 (E 120)	EI 120 (E 120)	(E 120)	-
Uponor Decibel	50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-
Wavin SiTech	32 – 50	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)
	75 – 110	50	EI 120 (E 120)	EI 120 (E 120)	EI 120 (E 120)	-

As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

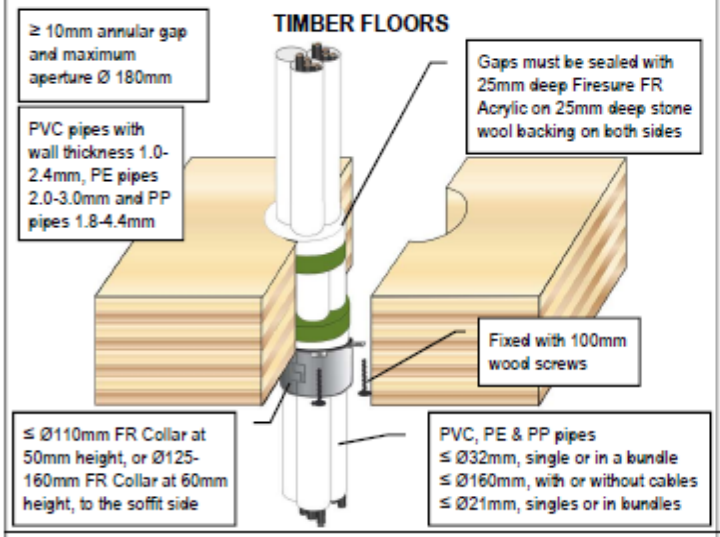
Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 46 (47) 2021 1 1

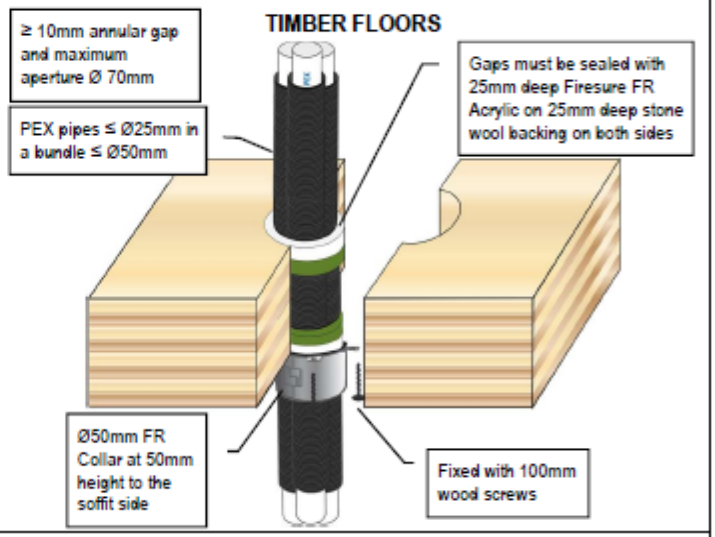
FIRESURE® IPCPR – PIPE COLLAR

INSTALLATION INSTRUCTIONS

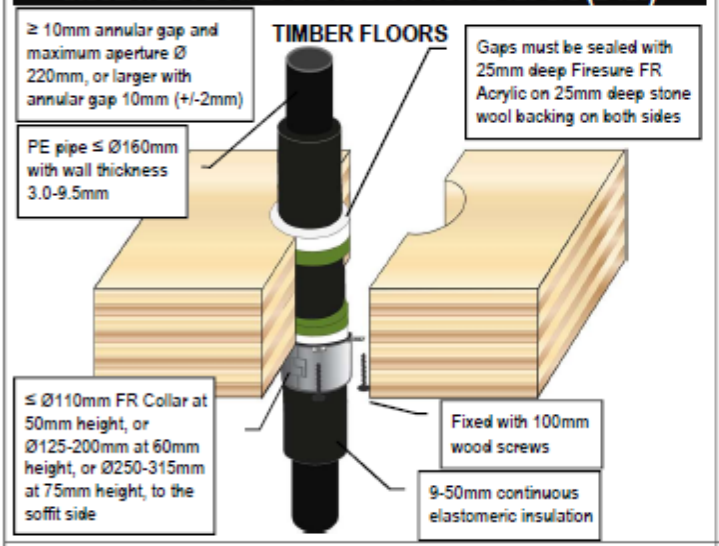
PLASTIC PIPES & CONDUITS FIRE RESISTANCE EI 90 C/U (E 90)



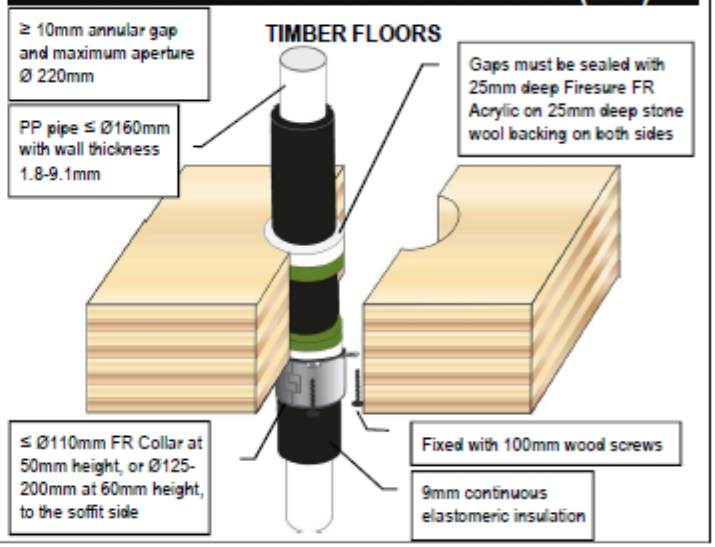
PEX PIPE-IN-PIPES FIRE RESISTANCE EI 90 C/C (E 90)



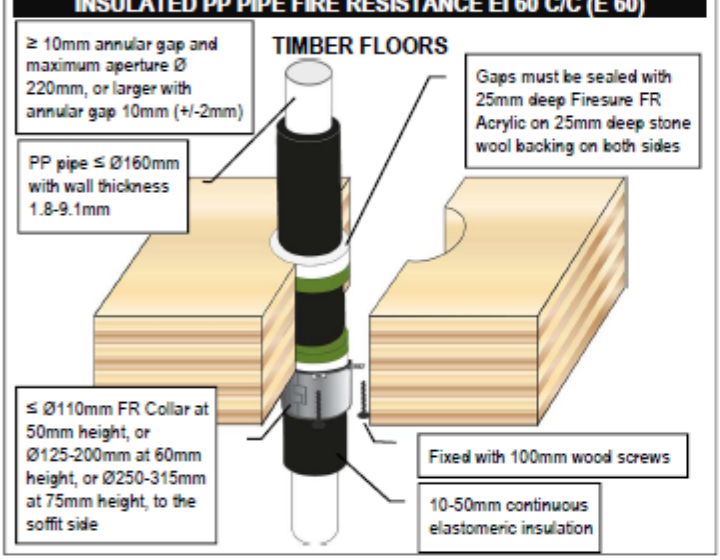
INSULATED PE PIPE FIRE RESISTANCE EI 120 C/C (E 120)



INSULATED PP PIPE FIRE RESISTANCE EI 120 C/C (E 120)



INSULATED PP PIPE FIRE RESISTANCE EI 60 C/C (E 60)



As part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and for guidance only. All drawings are for illustrative purposes only.

Installation Instructions to ETA 20/0355

www.fpc-uk.com
FPC(UK) Ltd tel +44(0)1384 633660
FS 47 (47) 2021 1 1